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SITE INSPECTION REPORT
METALPLATE GALVANIZING INC.

GAD048709372

Charles P. Evans (PE)

Georgia Environmental Protection Division

September 1986

Reviewed By: Mike Albud

Date: 9/10/86

METALPLATE GALVANIZING INC.

SITE INVESTIGATION REPORT

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METALPLATE GALVANIZING INC.

SITE INVESTIGATION REPORT

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1.0 EXECUTIVE SUMMARY

The Metalplate Galvanizing Inc. facility has operated a hot-dip galvanizing process since 1966. For 9 years the spent pickle liquor generated by the operation was discharged into a drainage ditch adjacent to the rear of the facility. The ditch empties into an impoundment southeast of the Metalplate property. In 1975, a wastewater treatment system was put into operation at the facility and this practice was discontinued. A total of 960,000 gallons of spent pickle liquor is estimated to have been discharged into the impoundment. Former plant employees have stated that the company dischared untreated pickle liquor into the impoundment after 1975.

The facility is located in a commercial area of Fulton County. The impoundment is located adjacent to a county recreational area (Utoy Boulder Park). During a sampling inspection by Georgia EPD personnel on March 12, 1986, soil samples were collected from the drainage ditch adjacent to the site and from the off-site impoundment where the spent pickle liquor was discharged. Background soil samples were also collected from areas not affected by the waste disposal. Total lead concentrations in the ditch and impoundment were greater than ten times the concentration of total lead in the background sample. The HRS score for this site is 12.60. Due to a lack of target population this site is not a candidate for the NPL list. For this reason the site is being referred to the Remedial Action Unit of the Georgia EPD for possible remedial actions.

2.0 BACKGROUND

2.1 Location

The Metalplate Galvanizing Inc. facility is located at 500 Selig Drive, approximately one hundred yards south of the intersection of Selig Drive and Bakers Ferry Road, Fulton, County, Georgia 30336 (Appendix A, Figures 1 & 2).

2.2 Site Layout

The facility consists of a processing building with a paved area to the south. This paved area serves as a storage location for unprocessed and processed metal products. Surface runoff drains from the facility in two directions: to the rear (southeast) and to a ditch on the left side (northeast) of the facility. Spent pickle liquor from the galvanizing process was also discharged into the ditch prior to installation of the plant's wastewater treatment system (Appendix D, Attachment 1). The ditch drains into a catch basin, through a pipe under a railroad spur line, into another ditch and finally into an impoundment (Appendix A, Attachment 5).

The facility lies on property owned by Metalplate Galvanizing Inc. Part of the drainage route and the impoundment lie in an adjacent Fulton County Park (Utoy Boulder Park).

2.3 Ownership History

The site was owned by Atlantic Steel Inc. from the start of operations in

1966 until 1969. In 1969, the site was sold to Metalplate Galvanizing Inc.

2.4 Site Use History

The facility has been used as a hot-dip galvanizing facility since 1966.

2.5 Permit and Regulatory History

Metalplate Galvanizing generated a K062 spent pickle liquor from 1966 until 1975. The pickle liquor was originally listed as a hazardous waste because of its corrosivity and heavy metal content, but has since been delisted (Appendix D, Attachment 2). Metalplate Galvanizing had not properly notified the Georgia EPD that they were a generator or treated, stored, or disposed of hazardous waste. In December of 1983 the Georgia EPD investigated a complaint that the company had on numerous occasions discharged untreated wastewater to the impoundment south of the facility (Attachment 5). A Notice of Violation was sent to Metalplate regarding violations of Georgia's Rules for Hazardous Waste Management (Appendix D, Attachment 3). The petition to delist their waste was later approved and Metalplate's status was changed to a non-handler of hazardous waste.

2.6 Remedial Actions to Date

None.

2.7 Summary Trip Report

Charles Evans and Steve Walker of the Georgia EPD conducted a sampling inspection at Metalplate Galvanizing on March 13, 1986. Mr. Marty Cain, Plant

Superintendant; Charles Foyster, Plant Manager; and Paul Lynes, environmental consultant for Metalplate Galvanizing accompanied EPD personnel on a tour of the facility. A drainage ditch where spent pickle liquor from the galvanizing process had been discharged was observed. A composite sample was obtained from an area up slope of the ditch (Sample SB-1). A composite soil sample was also obtained in the drainage ditch (Sample S-1). The ditch drains into a catch basin, under a railroad spur line and into an impoundment southeast of the plant. The impoundment is formed by fill material that has a rail line running across it. A background composite soil sample was obtained from high ground around the impoundment (Sample S-3). A composite soil sample was obtained from the bottom of the impoundment (S-4). All soil samples obtained during the sampling inspection were split with Metalplate's consultant, Mr. Lynes. The location of each sample is designated in the Appendix A, Figure

3.0 ENVIRONMENTAL SETTING

3.1 Topography

The area around the site is characterized by low ridges and narrow valleys

(1) that are typical of the Piedmont Physiographic Provinces of Georgia.

3.2 Surface Waters

The closest body of surface water is Utoy Creek, 1,200 feet southeast of the site. A rail line of the Seaboard Coast Railroad borders the lower edge of the impoundment and prevents drainage into Utoy Creek. Water from the impoundment is expected to seep under the rail line and down a drainage route into Utoy Creek. Utoy Creek empties into the Chattahoochee River.

3.3 Geology and Soils

The site is underlain by Ben Hill granite (2). The amount of overburden is estimated from well logs, to be approximately one hundred feet (Appendix D, Attachment 4). The soil type found in the vicinity of the site is Lockhart-Cecil sandy loam. This type of soil is found around the facility and the impoundment. The subsurface soil is moderately permeable (3).

3.4 Ground Water

Groundwater occurs in joints, fractures, and other secondary pore spaces in the overlying mantle of residual material. Water fills these underground openings by seeping through the overburden or directly into openings in exposed rock (4).

3.5 Climate and Meteorology

The climate of the area is characterized by mild to hot summers with variable winters alternating between periods of cold and mild to warm temperatures. The major factors influencing the climate are cold air from the north and warm winds from the Gulf of Mexico and the Atlantic Ocean. The minimum temperatures in the summer range from 68°F to a maximum of around 100°F. The average daily winter temperature is about 35°F with early morning minimum temperatures dropping to freezing or below on slightly more than one-third of the winter days. A reading of 15°F or below can be expected on one or more days during the winter. Unusually cold air will occasionally drop temperatures to 10°F or below. Frost free days average 220 days per year (5).

3.6 Land Use

The site is located in an industrial area. An industrial park lies to the north and west, a sewage disopsal plant lies to the south, and a recreational area lies to the east. Part of the site lies within Utoy Boulder Park.

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3.7 Population Distribution

The immediate area of the site has a large population of daily workers. A residential area lies less than one mile to the north, east and south. Dense industrial development lies 2,000 feet to the west. The trend toward development is expected to continue. Population within one, two and three mile radii of the site are 2,671, 3,173 and 6,269, respectively.

3.8 Water Supply

Municipal water is available throughout the area. However, several older nomes in the area use groundwater for their source of drinking water. The biggest user of groundwater in the area is Anaconda Aluminum Company located 1 mile north-northeast of the site. Three wells extract an average of 335,000 gallons per day for use in the company's aluminum anodizing process. These wells are not used as a source of drinking water (Appendix D, Attachment 4).

3.9 Critical Environments

None.

4.0 WASTE TYPES AND QUANTITIES

4.1 Waste Types

spent pickle liquor from a zinc plating operation was disposed in a low area southwest of the Metalplate property. This KO62 spent pickle liquor waste is listed in 40 CRF Part 261.32 as a hazardous waste because of its corrosivity and lead, and hexavalent chrome content.

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4.2 Waste Disposal Methods and Locations

wastewater was discharged into a ditch running along the southeast side of the Metalplate property. The waste water drained into a concrete culvert and into an old impoundment to the southeast. The impoundment has no outlet. Water is expected to evaporate or percolate into the soil.

4.3 Waste Quantities

From 1966 to 1974 the facility discharged a total of 960,000 gallons of waste into the subject impoundment (Appendix D, Attachment 1). Workers at the Metalplate facility have stated that wastewater was discharged into the impoundment after 1974 and after the wastewater treatment system was installed.

5.0 LABORATORY DATA

5.1 Summary

The soil composite samples from the drainage ditch (S-1) and the impoundment (S-4) both contained total lead concentrations that were ten times those found in the background samples (SB-1 and SB-3); see Appendix B.

5.2 Quality Assurance Review

All sampling and subsequent laboratory analyses were conducted in accordance with the procedures set forth in EPA Publication SW-846, "Test Methods for Evaluating Solid Waste" (6).

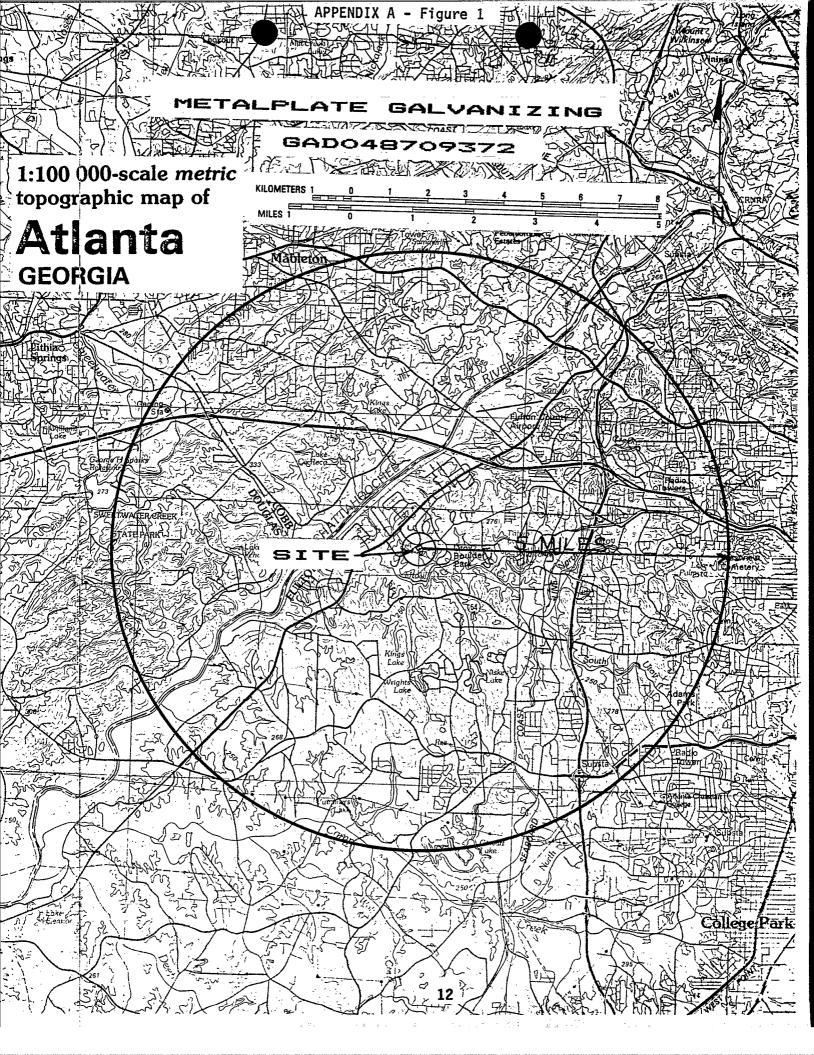
6.0 TOXICOLOGICAL/CHEMICAL CHARACTERISTICS

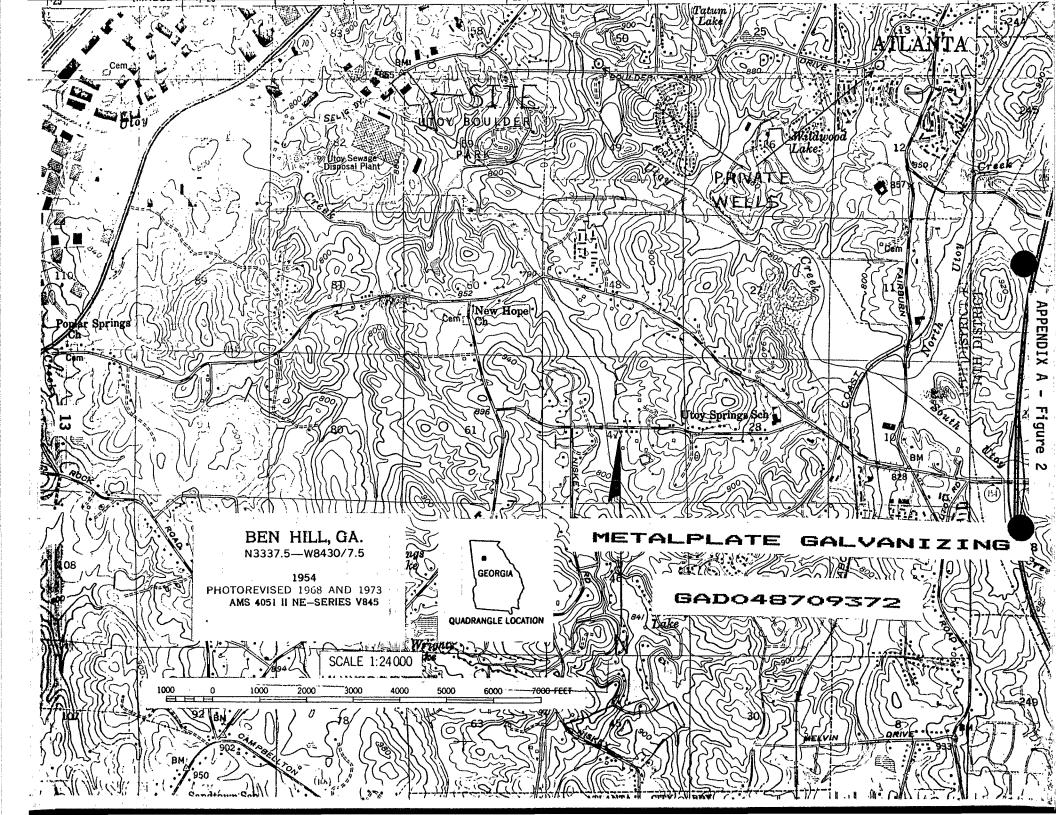
Samples collected on this site on March 12, 1986 contained the following substance:

 $\underline{\text{lead}}$ - Oral rat LD50 - 790 mg/kg; highly poisonous via oral and inhalation routes; organic lead compounds can be absorbed through the skin; some lead compounds are carcinogenic to the lungs and kidneys.

CPE/mcw005

APPENDIX A





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County Name FULTON

Picture No _ _ _ of _6

Site Name METALPLATE GALVANIZING

Date 3/12/86 Weather CLEAR

Direction Facing NW

Photographer EVANS

Program SITE INVESTIGATION PAGGAAM

Explanation: PHOTOGRAPH OF

DITCH ALONGSIDE FACILITY

INTO WHICH SPENT PICKEL

LIQUOR WAS DISCHARGED

Other:



County Name FULTON

Picture No 2 of 6

Site Name METALPLATE GALVANIZING

Date 3/12/P6 Weather CLEAK

Direction Facing NORTH

Photographer EVANS

Program SITE INVESTIGATION PROGRAM

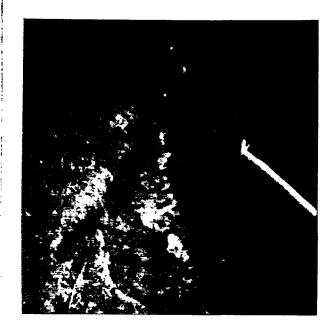
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Date 3/12/86 Weather CLEAR
Direction Facing NoRTh
Photographer <u>EVANS</u>
Program SITE INVESTIGATION PROGRAM
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Picture No 4 of 6
Site Name METALPLATE GALVANIZING
Date 3/12/86 Weather
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Program SITE INVESTIGATION PROGRAM
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SPENT PICKEL LIQUOR WAS
disposed,
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Picture No. 5 of 6
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Date 3/12/86 Weather CLEAR
Direction Facing SOUTH
Photographer EVANS
Program SITE IN VESTIGATION PROGRAM
Explanation View of RAIL
LINE TO The SOUTH
PREVENTING The IMPOUNTMENT
Other FROM ORAINING



County Name FULTON
Picture No. 6 of 6
Site Name METALPLATE GALVANIZING
Date 3/12/86 Weather CLEAR
Direction Facing NORTH
Photographer WALKER
Program SITE INVESTIGATION PROGRAM
Explanation View of
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RAIL TRACKS, NOTE SECTIMENTS
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APPENDIX B

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GEORGIA ENVIRONMENTAL PROTECTION DIVISION LABORATORY REPORT

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APPENDIX C

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APPENDIX C

References

- United States Geological Survey Map, Photorevised 1973. Ben Hill Quadrangle, 7.5 Minute Series, 1:24,000 scale.
- McConnell, K. I. and C. E. Abrams, 1984. Geology of the Greater Atlanta Region; Department of Natural Resources, Environmental Protection Division, Georgia Geologic Survey, Information Bulletin 96.
- 3. United Stated Department of Agriculture, Soil Conservation Service, 1949.
 Soil Survey of Fulton County, Georgia, page 28.
- 4. Cressler, C. W., C. J. Thurmond, and W. G. Hester, 1983. Groundwater in the Greater Atlanta Region, Georgia; Department of Natural Resources, Environmental Protection Division, Georgia Geologic Survey, Information Circular 63, pages 7-9.
- 5. United States Department of Agriculture, Soil Conservation Service, 1981.
 Resource Conservation Program and Action Plan, Fulton County Soil and
 Water Conservation District.
- 6. United States Environmental Protection Agency, 1982. Test Methods for Evaluating Solid Waste, Publication No. SW 846.
- 7. Sax, Irving N., 1984. Dangerous Properties of Industrial Materials, 6th Edition: Van Nostrand Reinhold Company, New York, Cincinnatti.

APPENDIX D

interior The Company of the Company

Form Approved OMB No. 2000-0138 EFA Form 8900-1

of Hazardous Waste

United States Environmental Protecti Agency Washington DC 2046C

This initial notification information is required by Section 103(c) of the Compre-hensive Environmental Response, Compen-paper. Indicate the letter of the item

Please type or print in ink. If you need

	sation, and Liability Act of 1980 and must be mailed by June 9, 1981.	which applies.		راد المعلق ا المعلق المعلق المعل
			e ee ee ee ee ee	
Person Required to Notify: Enter the name and address of the person		Name Ernest M.	Cain	
	or organization required to notify.	Street 500 Selig	Dr., SW	
		city Atlanta	State	GA zip Code 30336
3	Site Location:			
	Enter the common name (if known) and actual location of the site.	Name of Site Selig Po		
	actual location of the site.	Street Selig Di	rive	
		_{City} Atlanta	County Fulton State	GA Zip Code 30336
3	Person to Contact:		,	week to the second of the seco
	Enter the name, title (if applicable), and business telephone number of the person		<u>Cain, Ernest M., V</u>	ice President
	to contact regarding information	Phone 404-691-066	00	
	submitted on this form.		المستعدد الم	
)	Dates of Waste Handling:			
	Enter the years that you estimate waste	From (Year) 1966	To (Year) 1974	
	treatment, storage, or disposal began and ended at the site.	From (Year) 1966	To (Year) 1974	
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	Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category. 1. □ Organics 2. □ Inorganics 3. □ Solvents 4. □ Pesticides 5. □ Heavy metals 6. □ Acids 7. □ Bases 8. □ PCBs 9. □ Mixed Municipal Waste 10. □ Unknown 11. □ Other (Specify) Place an boxes. Place an boxes. Place an boxes. Place an boxes.	Description of Site. of Waste: X in the appropriate ining construction extiles ertilizer eper/Printing eather Tanning con/Steel Foundry memical, General ating/Polishing ilitary/Ammunition ectrical Conductors	Resource Conservation and Re regulations (40 CFR Part 261). Specific Type of Waste: EPA has assigned a four-digit listed in the regulations under appropriate four-digit number it the list of hazardous wastes ar contacting the EPA Region ser located.	number to each hazardous wa Section 3001 of RCRA. Enter n the boxes provided. A copy nd codes can be obtained by
	13. □ U 14. □ S 15. □ P 16. □ L 17. □ U 18. □ O	ransformers tility Companies anitary/Refuse notofinish ab/Hospital nknown ther (Specify)	RECEIVED	

	Notification of Hazardous Waste Site	Side Two		
-	Waste Quantity:	Facility Type	Total Facility Waste An	mount •
-	Place an X in the appropriate boxes to indicate the facility types found at the site.	1. ☐ Piles	cubic feet	:- =
	In the "total facility waste amount" space	2. ☐ Land Treatment 3. ☐ Landfill	gallons 960,000	Gallons
	give the estimated combined quantity (volume) of hazardous wastes at the site	4. Tanks	Total Facility Area	
	using cubic feet or gallons.	5. 🖫 Impoundment	square feet	
	In the "total facility area" space, give the estimated area size which the facilities	6. ☐ Underground Injection 7. ☐ Drums, Above Ground	acres 1	
	occupy using square feet or acres.	8. Drums, Below Ground	acres i	
		9. Other (Specify)		
G	Known, Suspected or Likely Releases to	o the Environment:		
	Place an X in the appropriate boxes to indicate or likely releases of wastes to the environment	te any known, suspected,	☑ Known ☐ Suspected	☐ Likely ☐ Ñ
	Note: Items Hand I are optional. Completing hazardous waste sites. Although completing	these items will assist EPA and State the items is not required, you are en	and local governments in local couraged to do so.	ating and asse
H	Sketch Map of Site Location: (Optional	1)		
	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.			OHTOURS
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Ī	Description of Site: (Optional)	Discharge of waste pio	alala liquan (K062)	
	conditions of the site. Give directions to the site and describe any nearby wells,	occurred from 1966 to	-	,
	springs, lakes, or housing. Include such information as how waste was disposed			
	and where the waste came from. Provide			
	any other information or comments which may help describe the site conditions.			
		· 사용하는 기준에서 기계 시간 기계 경우 환경한 기준 시간 · · · · · · · · · · · · · · · · · · ·	20 C 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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	o notify must sign the form and provide a mailing address (if different than address	Street 500 Selig Dr., SV	<u>**</u>	Transporter C Operator, P
	in item A). For other persons providing notification, the signature is optional.	City Atlanta State	te GA Zip Code 30336	Operator, P
	Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required	Signature en som Ca	Date 7/13/84 x	C Other
	to notify check "Other".	24		<u>-</u>





JOE D. TANNER
Commissioner

Bepartment of Natural Resources

ENVIRONMENTAL PROTECTION DIVISION

270 WASHINGTON STREET, S.W. ATLANTA, GEORGIA 30334

July 13, 1984

J. LEONARD LEDBETTER

Division Director

Mr. Ernest Cain Metalplate Galvanizing, Inc. 500 Selig Drive, S.W. Atlanta, Georgia 30336

RE: Metalplate Galvanizing, Inc.
Delisting Petition, Waste #K062
GAD048709372

Dear Mr. Cain:

We hereby notify you that according to the Federal Register of June 5, 1984, Volume 49, Number 109, (copy enclosed), lime stabilized waste pickle liquor sludge generated from the iron and steel industry has been exempted from the presumption of hazardousness presently contained in the regulations.

Accordingly, your delisting petition for the K062 sludge, and our conditional exclusion granted on May 16, 1984, including our conditional requirements stipulated in that letter, have therefore become moot by this final ruling.

Please be advised that spent pickle liquor mixed with other hazardous waste remains a hazardous waste under 40 CFR 261.3(a)(2)(iii) and (iv). Should the character of this waste change as a result of addition of other hazardous waste streams, or of process modifications or raw material changes, it is your responsibility to re-analyze the waste for proper classification as hazardous or non-hazardous.

Under Georgia's Rules for Solid Waste Management, we shall continue to require that the treated sludge shall be disposed of only at a sanitary landfill permitted by the State of Georgia.

The delisting of the K062 sludge in no way relieves Metalplate Galvanizing of its responsibility to comply with all other applicable provisions of the Georgia Rules for Hazardous Waste Management, Chapter 391-3-11.

Sincerely,

John D. Taylor, Gr.

Program Manager

Industrial & Hazardous Waste
Management Program

nanage

JDT: fhw: 036

Enclosure: (1)

cc: James Scarbrough, USEPA

John D. Taylor

Frances Hallahan

Paul F. Lynes

File - Metalplate Galvanizing - (R)



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JOE D. TANNER

J. LEONARD LEDBETTER
Division Director

Mr. Ernest Cain Executive Vice President Metalplate Galvanizing Inc. 500 Selig Drive, S.W. Atlanta, Georgia 30336 Department of Natural Resources

ENVIRONMENTAL PROTECTION DIVISION
270 WASHINGTON STREET, S W
ATLANTA, GEORGIA 30334

February 16, 1984

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RE: Compliance Status
Metalplate Galvanizing Inc.

Dear Mr. Cain:

Reference the inspection of Metalplate Galvanizing Inc. by Frances Hallahan, Renee Hudson and Betty Burns of the Industrial and Hazardous Waste Management Program to determine your company's compliance status with Georgia's Rules for Hazardous Waste Management, Chapter 391-3-11. As Georgia's Rules adopt and incorporate by reference the Federal Regulations found in Section 40 CFR, the following violations are called to your attention:

- 391-3-11-.04 "Notification of Hazardous Waste Activities" because the facility is a hazardous waste generator and a hazardous waste storage, treatment, or disposal facility and failed to file notification as required;
- 391-3-11-.05 "Financial Responsibility" because the facility is a storage, treatment, or disposal facility and has not satisfied 40 CFR 264, Subpart H Financial Requirements;
- 391-3-11-.08 "Standards Applicable to Generators of Hazardous Waste" because facility is in violation of 40 CFR 262 including, but not limited to, manifest violations and allowing waste to be disposed in a facility not permitted to treat, store or dispose of hazardous waste;
- 391-3-11-.10 "Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities" because facility has not complied with 40 CFR 264;
- 391-3-11-.11 "Hazardous Waste Facility Permits" because the facility is operating a treatment, storage or disposal facility without applying for or receiving a hazardous waste facility permit.

Therefore, the company must cease disposal of sludge derived from treatment of the listed K062 waste at the BFI site immediately, and commence efforts to arrange disposal at a facility permitted to dispose of hazardous waste. Please note that under 40 CFR 262.34 a generator can store a hazardous waste on site for up to 90 days without a permit, pending removal to an approved treatment, storage or disposal facility.

مرينين رآو چي د سد د سيد

Mr. Ernest Cain Page 2 February 16, 1984

Please be advised that this office is in the process of assimilating your violations into a formal Consent Order, and we will be contacting you in the near future in regards to negotiating the consent agreement.

In the meantime, we acknowledge that the company is in the process of delisting the sludge generated from the treatment process. However, in a preliminary conference with our chemist, Ms. Shirley Maxwell, it was concluded that the two additional sludges which result from treatment of the caustic bath and the zinc ammonium chloride bath, at one and 1/2 year intervals, are additional variables in your waste stream. Note items, 6, 10 and 17 of the November 15, 1983 delisting requirements enclosed. These wastes must be separated and sampled separately, and the analyses submitted to this office either now or when the waste is generated. Because of the lengthy process involved in delisting, you might wish to pursue delisting of this waste without further delay.

Please find attached a copy of Georgia's Rules for Hazardous Waste Management and should you have any questions in the interim, please call at (404) 656-7802.

Sincerely,

John Taylor Program Manager

Industrial & Hazardous Waste
Management Program

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JT: fhw: 023

Enclosures: (2)

cc: James Scarbrough, USEPA

File - Metalplate Galvanizing Inc. - (R)

RONMENTAL PROTECTION DIVISION **DEPARTMENT OF NATURAL RESOURCES** STATE OF GEORGIA

APPLICATION FOR A PERMIT TO USE GROUNDWATER

EFFECTIVE DATE 9/15/85

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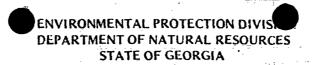
PART A - GENERAL INFORMATION (Part A must be accompanied by pare B, well data)

[NEW PERMIT

[]MODIFY EXISTING PERMIT NO.

(Print or type all information)

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APPLICA Applic		Aluminum Company	Phone	4047691-5750
Addres	4785 Fulton Indu	strial Boulevard At	lanta, Fulton,	30336
, (44, 45	(No. and Str	eet) (City)	(County)	(Zip)
Water u	se address (if different from a	hove) Same		grand and the second se
Water u	se address (ii different from a		(Local Name)	
	(Number and street)	(City)	(County)	(Zip)
PERMIT	FOR			
A benef	icial use of335,000	gallons of water per da		well(s)
averagii	24 hours nun	nping per day, utilizingro	ck (To	tal number) aquifer(s) for a
	'ie	consumptive use for:		aquiter(s) for a
Month	Sanitary facilities Process water for Other (Specify) and year initial usage began,o	[]Central water suppinse water in aluminu rwill beginJanuary	m anodizing process	
	<u> </u>			
LOCATIO	ON MAP		n jang merebelah kecamatan dari beranggan beranggan beranggan beranggan beranggan beranggan beranggan berangga Penjagan beranggan b	
identi Surve	ified by number. The locatio	n map shall be the best map a or latest county highway MAP	vailable, which may be a portion	roposed well(s); each well to be on or a copy of a U.S. Geological mitted map is properly identified
SUCH	OTHER PERTINENT INFO	RMATION SUBMITTED BY	THE APPLICANT OR REQUIR	ED BY THE DIVISION.
	Signed SK.		Title	Date
	Sand T. Co	lend	Plant Engineer	
EPD 2 25		:		



APPLICATION FOR A PERMIT TO USE GROUNDWATER PART B - WELL DATA

(Submit one (1) form for each well)

(Print or type all information)

APPLICANT Anaconda Aluminum Co.	
WELL NO. #1 (Key to attached location map) Latitude 330 451 3511 Longitude 840 321 5811	Ground elevation (If available) Approx. 800 ft.
Name of aquifier(s) being or to be utilized	Date drilled January 1975 Date to be drilled Driller Virginia Supply & Well Co. GROUTING KYES [] NO Type Cement From 0 ft. to 133ft. From ft. to ft. From ft. to ft. From ft. to ft. TEST PUMP DATA Pumped X Bailed Estimated Date tested January 1975 Pump rated GPM HP Test yield GPM After (Hours of Pumping) Water level before test 712 ft. Specific Capacity 0.42 GPM/ft. PERMANENT PUMP DATA (If available) Pump type Submersible Turbine Outlet size 3'' Powered by Elec Horsepower 15 H.P. Rate 80 GPM Pumping level 250' Average hours pumped per day
NOTE: Datailed wall construction specifications of a proposed wall	may be equired by the Division upon region of the submitted

NOTE: Detailed well construction specifications of a proposed well may be required by the Division upon review of the submittee application.

Complete WELL LOG on reverse side, if available

WELL LOG

FROM FEET	TO FEET	TYPE MATERIAL ENCOUNTERED	REMARKS	INDICATE WATER BEARING ZONES
0'	100'	Soil and Clay		
100'	130'	Broken red rock		
130'	340'	Red rock		
3401	. 500'	Blue rock		
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(If more space is required, use additional sheet)

The above information is true and correct to the best of my knowledge

Signed	John Davis		Title Driller		•		EE Two mades
						100	177
Date	7/28/80						

ENVIRONMENTAL PROTECTION DIVISION DEPARTMENT OF NATURAL RESOURCES STATE OF GEORGIA

APPLICATION FOR A PERMIT TO USE GROUNDWATER PART B - WELL DATA

(Submit one (1) form for each well)

(Print or type all information)

APPLICANT Anaconda Aluminum Co. WELL NO. #2 (Key to attached location map)	Ground elevation (If available) Approx. 800 ft.
Latitude 33° 45' 33'' Longitude 84° 32' 53''	
WELL CONSTRUCTION DESCRIPTION (X) Existing	[] Proposed
Name of aquifier(s) being or to be utilized TYPE DRILLING(Indicate) X Rotary Percussion Total depth 500 ft. Bored Static water level 36¹ DRILL HOLE DIAMETER Size 10 in., from 0 ft. to 147 ft. Size 6 in., from 147 ft. to 500 ft. Size in., from ft. to ft. Size in., from ft. to ft. CASING RECORD Type material Stee1 Wall thickness Weight/Foot 19# Size in., from ft. to ft. Date drilled December 1978 Date to be drilled Driller Virginia Supply & Well Co. GROUTING KYES []NO Type_Cement From 0 ft. to 147 ft. From ft. to ft. From ft. to ft. From ft. to ft. TEST PUMP DATA Pumped X	
application.	The reference of the principle about the or an admitted

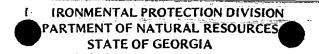
Complete WELL LOG on reverse side, if available

WELL LOG Z

FROM FEET	TO FEET	TYPE MATERIAL ENCOUNTERED	REMARKS	INDICATE WATER BEARING ZONES
0'	142'	Soil and clay		
142'	500'	Red rock w/streaks of blu	e	
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(If more space is required, use additional sheet)

	The abov	knowledge			
Signed	John Davis	Title	Driller		-w
Date	7/28/80		99.7		



APPLICATION FOR A PERMIT TO USE GROUNDWATER PART B - WELL DATA

(Submit one (1) form for each well)

(Print or type all information)

APPLICANT Anaconda Aluminum Company	
WELL NO. 3 (Key to attached location map) Latitude 33° 45' 39'' Longitude 84° 32' 58''	Ground elevation (If available) Approx. 800 ft.
WELL CONSTRUCTION DESCRIPTION [] Existing	[X] Proposed
Name of aquifier(s) being or to be utilized	Date to be drilled
NOTE: Detailed well construction specifications of a proposed well application.	may be required by the Division upon review of the submitted
*To point where rock is encountered.	ide, if available

EPD 2.26

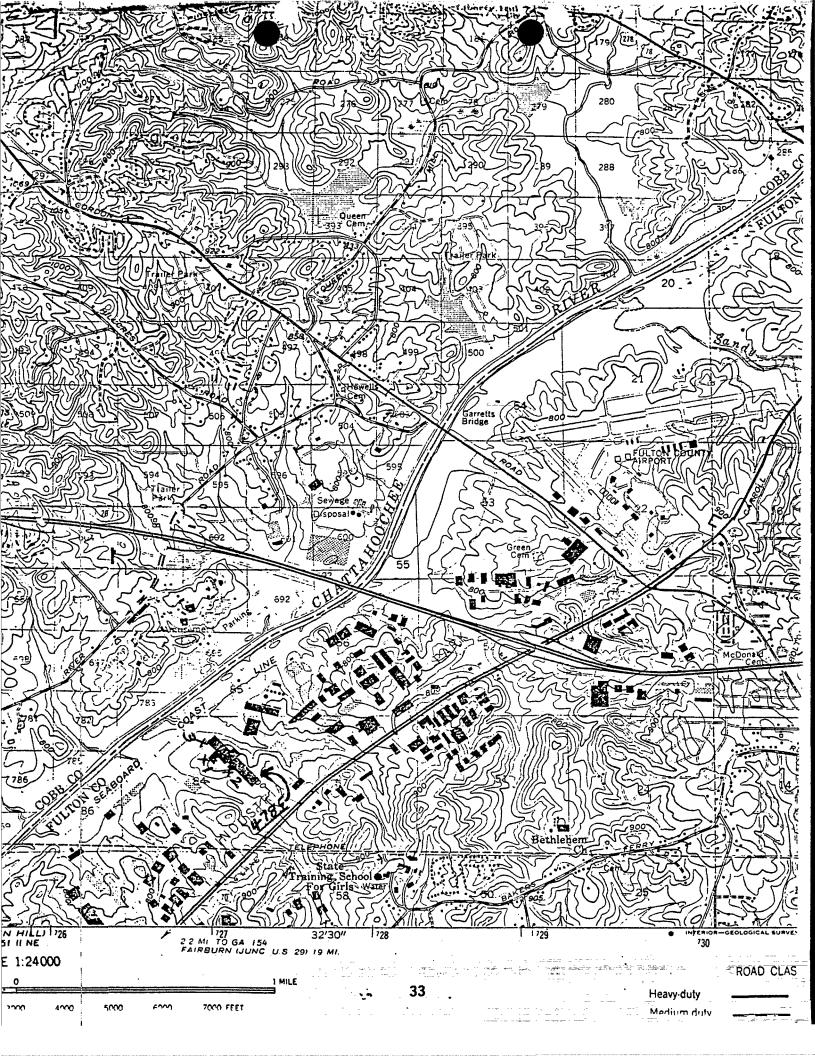


FROM FEET	TO FEET	TYPE MATERIAL ENCOUNTERED	REMARKS	INDICATE WATER BEARING ZONES
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The above information is true and correct to the best of my knowledge

Signed	-	Title				 	 .
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Date							-



ENVIRONMENTAL PROTECTION DIVIS STATE OF GEORGIA '

ICATION FOR A PERMIT TO USE GROUNDWATER PART B - WELL DATA

(Submit one (1) form for each well)

(Print or type all information)

L NO. #2 (Key to attached location map) Longitude	Ground elevation (If available)
CONSTRUCTION DESCRIPTION [X] Existing	[] Proposed
Name of aquifier(s) being or to be utilized Ro	ck
TYPE DRILLING(Indicate)	Date drilled December 1978
X Rotary	Date to be drilled
Percussion Total depth 500 ft.	Driller Virginia Supply & Well Co
Bored Static water level 36'	
	GROUTING [X]YES []NO
DRILL HOLE DIAMETER Size 10 in., from 0 ft. to 147 ft.	GROUTING KIYES []NO Type_Cement From0 ft. to147 ft.
Size6_in., from147_ft. to _500_ft.	From ft. to ft.
Sizein., fromft. toft.	From ft. to ft.
Sizein., fromft. toft.	11011
Size in, from ft. to ft.	TEST PUMP DATA
	Pumped X Bailed
CASING RECORD Type material Stee1	Estimated December 1978
Wall thickness . 280	Pump rated GPM F
Weight/Foot 19#	Pump rated GPM Frest yield 53 GPM After 24
Size 6 in., from 0 ft. to 147 ft.	(Hours of Pum
Sizein., fromft. toft.	Water level before test (Hours of Pum 36 to 216 f
Sizein., fromft. toft.	Drawdown 210 f Specific Capacity 0.25 GPM /fi
Sizein., fromft. toft.	Specific Capacity 6.23 GPM /TI
Size in., from ft. to ft.	PERMANENT PUMP DATA (If available)
WELL SCREEN .	Pump type Submersible Turbine
Type material	Outlet size 2 1/2"
Sizein., fromft. toft.	Powered by Elec.
Sizein., fromft. toft.	Horsepower 7 1/2
Sizein., fromft. toft.	Rate 50 GPM Pumping level 250
Sizein., fromft. toft.	Average hours pumped per day
Sizein., fromft. toft.	Atterage from pumped per day

application.

Complete WELL LOG on reverse side, if available

WELL LOG

FROM FEET	TO FEET	TYPE MATERIAL ENCOUNTERED	REMARKS	INDICATE WATER BEARING ZONES
0'	142'	Soil and clay		
142'	500'	Red rock w/streaks of blu	le	
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(If more place is required, use additional sheet)

The above information is true and correct to the best of my knowledge

Signed	John Davis	Title	Driller_	
Date	7/28/80			مسی م
Dale	**************************************			

NVIRONMENTAL PROTECTION DIVISION DEPARTMENT OF NATURAL RESOURCES STATE OF GEORGIA

APPLICATION FOR A PERMIT TO USE GROUNDWATER PART B — WELL DATA

(Submit one (1) form for each well)

(Print or type all information)

APPLICANT Anaconda Aluminum Co.	
WELL NO. #1 (Key to attached location map) Latitude Longitude	Ground elevation (If available)ft.
Name of aquifier(s) being or to be utilized	Date drilled January 1975 Date to be drilled Driller Virginia Supply & Well Co. GROUTING KIYES [] NO Type Cement From 0 ft. to 133ft. From ft. to ft. From ft. to ft. TEST PUMP DATA Pumped X Bailed Estimated Date tested January 1975 Pump rated 88.8 GPM After 40 ft. Drawdown GPM HP Test yield Selection O.42 GPM/ft. PERMANENT PUMP DATA (If available) Pump type Submersible Turbine Outlet size 3" Powered by Elec. Horsepower 15 H.P. Rate 80 GPM Pumping level 250' Average hours pumped per day
NOTE: Detailed well construction specifications of a proposed well application.	may be required by the Division upon review of the submitted

Complete WELL LOG on reverse side, if available

WELL LOG

FROM FEET	TO FEET	TYPE MATERIAL ENCOUNTERED	REMARKS	INDICATE WATER BEARING ZONES
0'	100'	Soil and Clay		
100'	130'	Broken red rock		
130'	340'	Red rock		
3401	500'	Blue rock		
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	-	11 F1	The above information	is true and cor	rect to the best of	my knowledge	
Signed		Davis	· ·	Title	Driller		
Date	7/28	/80	: -	-: ====================================			
Date	- mar - E disabbilitation	7 74.M	tenn	· · · · · · · · · · · · · · · · · · ·			



JOE D. TANNER Commissioner

Department of Natural Resources

ENVIRONMENTAL PROTECTION DIVISION 270 WASHINGTON STREET, S.W. ATLANTA, GEORGIA 30334

TRIP REPORT January 19, 1984

J. LEONARD LEDBETTER **Division Director**

Site Name and Location: Metalplate Galvanizing, Inc., Atlanta, Georgia

Betty Burns /35

Accompanied By: None

Date of Trip: December 20, 1983

Official Contacted: Charles Foster, Maintenance

Reference: Facility File/Letter of November 28, 1983

Comments:

This complaint inspection was conducted in reference to a complaint reported by Mr. Jessie Hart, a former employee of Metalplate Galvanizing, Inc. Mr. Hart's complaint indicated that the company had on numerous occasions (when the wastewater treatment system was inoperative or could not handle additional wastewater) during his employment discharged untreated process tank solutions to a surface impoundment located approximately 3 blocks below the plant. Mr. Hart further noted that the discharged solutions consisted of acid and Oakite liquids. Furthermore, he stated that these solutions were discharged directly into sump areas underneath the process tank line, then through a pipe and outside the building onto the ground and ends up the subject impoundment.

On December 20, 1983, I, accompanied by Mr. Hart, inspected the referenced surface impoundment. The surface impoundment was reached by traveling from Selig Drive going about 3/4 mile down the second set of railroad tracks located behind Metalplate Galvanizing, Inc. The impoundment is approximately one acre in size and about 4 to 6 feet deep. A large number of dead trees in and around the impoundment was observed. There were also trails of corroded clay areas above and around the impoundment. I took a waste sample consisting of liquid, clay and green silt material from the edge of the impoundment about 12 to 14 feet north of the railroad. From the surface impoundment near the second set of railroad tracks a corroded clay trail (approximately 200 feet long) was observed leading up to the first set of railroad tracks. Upon leaving the impoundment discussed above, a smaller surface impoundment was observed on the opposite side of the railroad. This impoundment contained a small number of dead bushes and water or possibly waste, however, no connection between the two impoundments was observed.

Also, on December 20, 1983, I investigated the Metalplate Galvanizing, Inc. Upon arriving at the plant, I was approached by Mr. Henry Walker, a plant employee who provided information on the improper discharging of untreated tank solutions. Mr. Walker stated that Metalplate Galvanizing, Inc. discharged solutions of untreated acid and Oakite solutions up until approximately 6 months ago to the surface impoundment noted above.

TRIP REPORT-Metalplate Galvanizing, Inc. Page 2 January 19, 1984

During my inspection of the plant, I was accompanied by Mr. Charles Foster, inventory technician. Mr. Foster denied any knowledge of the company having ever improperly discharged untreated process tank solution waste.

From observation inside the plant, no noticeable quantity of liquid was observed in the sump areas underneath the process tanks. (I note that observation in this area was difficult as I did not have on a breathing apparatus and very strong fumes were being emitted from the tanks).

Per the inspection in the back area of the plant between the wastewater treatment operations and storage tanks, there are three pipes on top of the ground which connect to a common trench area. One of these pipes carry treated effluent from the filter press, the second pipe carries the partially treated effluent collected off the top of the sludge settling tank and the third pipe carries the condensate collected from the steam heat used for operational process tanks. At the area where the subject three pipes meet, I was told that there is a fourth pipe underground in which the combined liquids are allowed to flow into and that the fourth pipe leads to a long trench (approximately 200 feet long, one foot wide and six inches deep). I observed that the subject trench parallels the left side of the plant and extends down a four foot slope (slope is located approximately 175 feet down trench). About 25 feet from the slope area, there is a brick wall containing a hole built into a clay impoundment at which the discharge drops into some type of collection unit (you could not see the collection structure, you could only hear the flow of liquid at this point). Following a diagonal line from the brick wall, approximately 25 feet across the first set of railroad tracks located behind the plant, a large pipe was inset directly underneath the subject railroad tracks in which a very small trace of liquid was observed. At this point, the liquid was not flowing, however, I did observe the beginning of the corroded trails of dirt extending down a sloping area approximately 200 feet. Also, from the subject point you can also see the corroded trail enter the surface impoundment area as had been noted by the complainant, Mr. Hart.

Conclusions:

- 1. The Metalplate Galvanizing, Inc. treats a listed hazardous waste K062. The waste, K062 is listed for corrosive and toxic status and the metal contents, hexavalent chrome and lead. Accordingly, the company is classified as a hazardous waste generator and treatment facility. To date, even though the company is in the process of delisting the sludge generated from the treatment process, they have not properly notified as a generator or a TSD. Furthermore, the subject sludge is presently being disposed of at an unpermitted hazardous waste facility (Browning-Ferris Industries, Inc., Atlanta, Georgia). The disposal of the waste at BFI should be discontinued until final approval has been made on the hazardous status by delisting petition. Consequently, the Metalplate Galvanizing, Inc. violates Georgia's Hazardous Waste Rules as noted below:
 - a. Hazardous Waste Notification requirements, 391-3-11-.04

Services (\$100 per \$100 per \$1

TRIP REPORT-Metalplate Galvanizing, Inc. Page 3
Janaury 19, 1984

b. Generator Standards under 391-3-11-08. [40 CFR 262.11-262.43]

- c. TSD requirements 391-3-11-.10 and .11 [40 CFR 264, 265, 266, 122]
- 2. The plant discharges treated effluent, partially treated effluent and condensate on top of the ground and consequently ends up in a nearby surface impoundment as was noted by the complainant, Mr. Hart. The facility does not have any type of point source discharge permit. Therefore, the above noted activity constitutes improper disposal of liquid waste (possibly some hazardous waste characteristic contaminants are involved) and violates 40 CFR 262.12(c). Plant official stated that the facility's wastewater treatment system is designed to recycle the generated effluent and condensate. Possibly if system could be operated to totally recycle the liquid, the system may be determined as a "totally enclosed system" as defined under 40 CFR part 260.10.
- 3. Relative to the subject complaint involving the discharge or dumping of untreated process tanks solution of acid and oakite, this was not observed during the December 20, 1983 inspection. However, we do have verbal confirmation of the afore stated activity being used as a previous disposal method per statements from a present and former plant employee. Possibly, upon determining the hazardous status of the surface impoundment waste, the subject dumping activity may be documented. Sample waste analysis results on sample taken from the impoundment will be provided by the Georgia EPD laboratory.
- 4. Referencing the delisting package, the current response (November 28, 1983) in the file indicates that additional information is required on their sludge detoxification procedure and organic content.

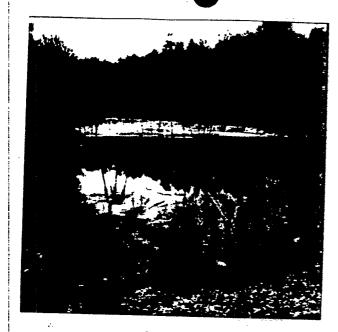
Recommendations and Follow-Up Required:

Notify the company of violations cited above by NOV letter.

Photographs: (3)

Reviewed By:

File - Metalplate Galvanizing, Inc. - (R)





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Old Sitt pond Located approximately 1/2 m. le South of Metalplate Calvanizing, Inc., 500 Seling Drine South West allunta, Georgia.



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<u>APPENDIX E</u>

SEPA

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT IT 1 - SITE LOCATION AND INSPECTION INFORMATION

LIDENTIFICATION
01 STATE 02 SITE NUMBER
GA D048709372

	PART 1 - SITE	LOCATION AND	INSPE	CTION INFORM	ATION	
II. SITE NAME AND LOCATIO	N			ξ.		
01 SITE NAME (Legal, common, or descrip	lete to emen evide				ECIFIC LOCATION IDENTIFIER	
Metalplate Galvar	nizing Co.	`	500	Selig Dr.		
03 CITY		_*	04 STATE	05 ZIP CODE	06 COUNTY	07COUNTY 08 CONG
Atlanta OB COORDHNATES			GA	30336	FULTON	121 01ST 5
09 COORDINATES LATITUDE	LONGITUDE	10 TYPE OF OWNERSHI XI A. PRIVATE I F. OTHER	P(Check or	DERAL	C. STATE D. COUNTY	
III. INSPECTION INFORMATIO						
01 DATE OF INSPECTION	02 SITE STATUS	03 YEARS OF OPERAT		present		
3/12 86 MONTH DAY YEAR	INACTIVE		NING YE			
04 AGENCY PERFORMING INSPECTA	ON (Check all that apply)					·
☐ A. EPA ☐ B. EPA CONTR	ACTOR	arne of firm)	C. M	UNICIPAL 🗆 D. MI	UNICIPAL CONTRACTOR	(Name of firm)
Ø E. STATE ☐ F. STATE CON	TRACTOR	tame of timi)	□ G . O	THER	(Specify)	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
05 CHIEF INSPECTOR		06 TITLE			07 ORGANIZATION	06 TELEPHONE NO.
Charles P. Fvans		Environme	ntal	Specialist	EPD/SIP	404 656-7404
Charles P. Evans	-	10 TITLE			11 ORGANIZATION	12 TELEPHONE NO.
Steve Walker		Environme	ntal	Specialist	: EPD/SIP	(404)-656-7404
						()
	_					()
						()
-						()
13 SITE REPRESENTATIVES INTERVI	EWED	14 TITLE Plant		15ADORESS		16 TELEPHONE NO
Charles Foster		Manager		15ADORESS 500 Seliç Atlanta,	g Dr. GA30336	(404) 691-0600
Charles Toscer	· · · · · · · · · · · · · · · · · · ·			Allania,	GA GA	
Marty Cain		Superinten	dent	500 Selia	Dr. Atl. 30336	404, 691-0600
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Paul Lynes	•	Consultant		Nashville,		(615 383-849)
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17 ACCESS GAINED BY 18 TI	IME OF INSPECTION	19 WEATHER COND				
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IV. INFORMATION AVAILABL	E FROM					
DI CONTACT		02 OF (Agency/Organia		-		03 TELEPHONE NO.
Mr. Earnest Cail	n			vanizing C		404)691-0600
1 :		05 AGENCY	1	SANIZATION	07 TELEPHONE NO.	08 DATE 0.6
Charles P. Evan	s CPL	DNR	EPI) SIP	404-656-7404	7 , 86

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POTENTIAL HAZARDOUS WASTE SITE

LIDENTIFICATION 01 STATE | 02 SITE NUMBER

	A		PART 2 - WAST	E INFORMATIO	N ,	IGA L DO4	8709372		
WASTES	TATES, QUANTITIES, A	ND CHARACTER	STICS						
PHYSICALS	TATES (Check all that apply)	02 WASTE QUANT	TY AT SITE I waste quantities	03 WASTE CHARAC					
X: A. SOLID L) B. POWDE L) C. SLUDGE		TONS CUBIC YARDS	independent)	X A. TOXIC □ E. SOLUBLE □ B. CORROSIVE □ C. RADIOACTIVE □ G. FLAMMABLE □ D. PERSISTENT □ H. IGNITABLE		CTIOUS D. J. EXPLOS MABLE D. K. REACTI TABLE D. L. INCOMI			
I D OTHER	(Specify)	NO. OF DRUMS .					Conce		
WASTE T	YPE	_ 		: :					
ATEGORY	SUBSTANCE	NAME	01 GROSS AMOUNT	02 UNIT OF MEASUR	E 03 COMMENTS	· · · · · · · · · · · · · · · · · · ·			
Si.U	SLUDGE	-							
OLW	OILY WASTE								
SOL	SOLVENTS								
เลอ	PESTICIDES								
OCC	OTHER ORGANIC C	HEMICALS							
ЮС	INORGANIC CHEMI	CALS							
ACD	ACIDS								
BAS	BASES								
MES	HEAVY METALS		lunknown	L N/A	1	**************************************			
HAZARD	OUS SUBSTANCES	Appendix for most frequent		· ·		·			
CATEGORY	02 SUBSTANCE	NAME	03 CAS NUMBER	 	SPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION		
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· 	CKS (See Appendix for CAS Nurr			·					
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FDS				FDS					
FDS				FDS					
FDS				FDS		,			
FDS				FDS					
SOURCE	S OF INFORMATION (Ca	te specific references, e g	, state lifes, sample analysis,	reports)	<u>:</u>	-			
GA EF	PD "METALPLA	TE GALVANI	ZING"				Tal.		
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POTENTIAL HAZARDOUS WASTE SITE

I. IDENTIFICATION

DI STATE 02 SITE NUMBER

WETA PART		SPECTION REPORT AZARDOUS CONDITIONS	AND INCIDENTS	GA DO	48709373
II. HAZARDOUS CONDITIONS AF					
01 🕅 A. GROUNDWATER CONTAIN 03 POPULATION POTENTIALLY AF	MINATION	02 OBSERVED (DATE: 04 NARRATIVE DESCRIPTION	,	DOTENTIAL.	☐ ALLEGED
impoundment is u	nlined	- <u></u>			작 시작 .
					. 2. . 2. 2.
01 (\$\overline{\pi}\$ B. SURFACE WATER CONTAI 03 POPULATION POTENTIALLY AF	FECTED:	,		D POTENTIAL	☐ ALLEGED
Sediments collect above background.	ed from the impo	oundment show a s	igmificant '	increase i	n lead
				- -	
01 (2 C. CONTAMINATION OF AIR 03 POPULATION POTENTIALLY AF	FECTED:	02 OBSERVED (DATE: 04 NARRATIVE DESCRIPTION) (D POTENTIAL	☐ ALLEGED
				-	
01 ① D. FIRE/EXPLOSIVE CONDITI 03 POPULATION POTENTIALLY AF		02 [] OBSERVED (DATE:04 NARRATIVE DESCRIPTION		D POTENTIAL	☐ ALLEGED
			- · · · · · · · · · · · · · · · · · · ·	-	-
			2 vi - 1	-	
01 🗆 E. DIRECT CONTACT 03 POPULATION POTENTIALLY AF	FECTED:	02 D OBSERVED (DATE. 04 NARRATIVE DESCRIPTION		POTENTIAL.	□ ALLEGED
			<u>-</u> .		
			4		2 144
01 13 F. CONTAMINATION OF SOI 03 AREA POTENTIALLY AFFECTED):	02 () OBSERVED (DATE: 3/ 04 NARRATIVE DESCRIPTION		POTENTIAL	□ ALLEGED
Drainage ditch ac	ljacent to the s	ite has a signif	icant (10x)	increase	in lead
above background.	,			~ 	
01 [] G. DRINKING WATER CONTA 03 POPULATION POTENTIALLY AF		02 OBSERVED (DATE:04 NARRATIVE DESCRIPTION		POTENTIAL	☐ ALLEGED
					1
·		·	:		
01 C.] H. WORKER EXPOSURE/INJ 03 WORKERS POTENTIALLY AFF!		02 [] OBSERVED (DATE:04 NARRATIVE DESCRIPTION		D POTENTIAL	☐ ALLEGED
		- -			
01 [] I. POPÜLATION EXPOSURE/I 03 POPULATION POTENTIALLY AF		02 OBSERVED (DATE: 04 NARRATIVE DESCRIPTION		POTENTIAL	☐ ALLEGED
		:_	· · ·		-
					-

SEPA

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
O1 STATE 02 SITE NUMBER
GA D048709372

1.	HAZARDOUS CONDITIONS AND INCIDENTS (Continued)			
	☐ J. DAMAGE TO FLORA NARRATIVE DESCRIPTION	02 OBSERVED (DATE:	POTENTIAL	ALLEGED
			and the second s	in a service of the s
			and the second of the second o	
	L' K. DAMAGE TO FAUNA NARRATIVE DESCRIPTION :Include name(s) of species)	02 CI OBSERVED (DATE:) D POTENTIAL	☐ ALLEGED
	HARTINE BESSELL HOLV INCIDENTALITY OF SPECCES			
	Ä.	4 · · · · · · · · · · · · · · · · · · ·		
	17 L. CONTAMINATION OF FOOD CHAIN NARRATIVE DESCRIPTION	02 LJ OBSERVED (DATE:	POTENTIAL	☐ ALLEGED
			The state of the s	
01	M. UNSTABLE CONTAINMENT OF WASTES (Spill's Rung) (Standing liquids, Leaking drums)	02 [] OBSERVED (DATE) [] POTENTIAL	() ALLEGED
ΟĠ	POPULATION POTENTIALLY AFFECTED:	04 NARRATIVE DESCRIPTION		, <u></u>
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
1	· ·			
		02 C OBSERVED (DATE:) DOTENTIAL	☐ ALLEGED
04	NARRATIVE DESCRIPTION	The second of the second of the second of	e <mark>nauk</mark> eustaka a tilou ikitik	
f ,	·		The second of th	
:	. 1 .	La La Cara		
01	(1) O CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs	02 CT OBSERVED (DATE:	POTENTIAL	☐ ALLEGED
	$\ensuremath{\mathbb{C}}$ O CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs NARRATIVE DESCRIPTION	02 CT OBSERVED (DATE:) D POTENTIAL	☐ ALLEGED
		02 C) OBSERVED (DATE:) POTENTIAL	□ ALLEGED
) □ POTENTIAL	
04	NARRATIVE DESCRIPTION XP. ILLEGAL/UNAUTHORIZED DUMPING NARRATIVE DESCRIPTION	02 LI OBSERVED (DATE.) □ POTENTIAL	☐ ALLEGED
04	NARRATIVE DESCRIPTION XP. ILLEGAL/UNAUTHORIZED DUMPING NARRATIVE DESCRIPTION	02 LI OBSERVED (DATE.) □ POTENTIAL	☐ ALLEGED
04	NARRATIVE DESCRIPTION XP. ILLEGAL/UNAUTHORIZED DUMPING	o2:10BSERVED(DATEtaining a high lev	el of lead was disc	☐ ALLEGED
04 01 04	NARRATIVE DESCRIPTION XP. ILLEGAL/UNAUTHORIZED DUMPING NARRATIVE DESCRIPTION From 1966 - 1974 waste water con into an off-site impoundment.	ozilobserved(DATEtaining a high lev	el of lead was disc	□ ALLEGED charged
04 01 04	NARRATIVE DESCRIPTION XP. ILLEGAL/UNAUTHORIZED DUMPING NARRATIVE DESCRIPTION From 1966 - 1974 waste water con	ozilobserved(DATEtaining a high lev	el of lead was disc	□ ALLEGED charged
04 01 04	NARRATIVE DESCRIPTION XP. ILLEGAL/UNAUTHORIZED DUMPING NARRATIVE DESCRIPTION From 1966 - 1974 waste water con into an off-site impoundment.	ozilobserved(DATEtaining a high lev	el of lead was disc	□ ALLEGED charged
04 01 04	NARRATIVE DESCRIPTION XP. ILLEGAL/UNAUTHORIZED DUMPING NARRATIVE DESCRIPTION From 1966 - 1974 waste water con into an off-site impoundment.	ozilobserved(DATEtaining a high lev	el of lead was disc	□ ALLEGED charged
04 01 04	NARRATIVE DESCRIPTION XP. ILLEGAL/UNAUTHORIZED DUMPING NARRATIVE DESCRIPTION From 1966 - 1974 waste water con into an off-site impoundment.	ozilobserved(DATEtaining a high lev	el of lead was disc	□ ALLEGED charged
04 01 04	XP. ILLEGAL/UNAUTHORIZED DUMPING NARRATIVE DESCRIPTION From 1966 - 1974 waste water con into an off-site impoundment. DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEG	o211 OBSERVED (DATEtaining a high lev	el of lead was disc	□ ALLEGED charged
04 01 04 05	XP. ILLEGAL/UNAUTHORIZED DUMPING NARRATIVE DESCRIPTION From 1966 - 1974 waste water con into an off-site impoundment. DESCRIPTION OF ANY OTHER KNOWN. POTENTIAL, OR ALLEG	o211 OBSERVED (DATEtaining a high lev	el of lead was disc	□ ALLEGED charged
04 01 04 05	XP. ILLEGAL/UNAUTHORIZED DUMPING NARRATIVE DESCRIPTION From 1966 - 1974 waste water con into an off-site impoundment. DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGATION POTENTIALLY AFFECTED:	o211 OBSERVED (DATEtaining a high lev) □ POTENTIAL el of lead was disc	□ ALLEGED charged
04 01 04 05	XP. ILLEGAL/UNAUTHORIZED DUMPING NARRATIVE DESCRIPTION From 1966 - 1974 waste water con into an off-site impoundment. DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGATION POTENTIALLY AFFECTED:	o211 OBSERVED (DATEtaining a high lev	el of lead was disc	□ ALLEGED charged
04 01 04 05	XP. ILLEGAL/UNAUTHORIZED DUMPING NARRATIVE DESCRIPTION From 1966 - 1974 waste water con into an off-site impoundment. DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGATION POTENTIALLY AFFECTED:	O2:10BSERVED(DATE. taining a high lev) □ POTENTIAL el of lead was disc	□ ALLEGED charged
04 01 04 05	XP. ILLEGAL/UNAUTHORIZED DUMPING NARRATIVE DESCRIPTION From 1966 - 1974 waste water con into an off-site impoundment. DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGATION POTENTIALLY AFFECTED:	O2110BSERVED(DATE. taining a high lev) □ POTENTIAL el of lead was disc	□ ALLEGED charged
04 01 04 05	XP. ILLEGAL/UNAUTHORIZED DUMPING NARRATIVE DESCRIPTION From 1966 - 1974 waste water con into an off-site impoundment. DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGATION POTENTIALLY AFFECTED:	O2110BSERVED(DATE. taining a high lev) □ POTENTIAL el of lead was disc	□ ALLEGED charged
04 01 04 05	XP. ILLEGAL/UNAUTHORIZED DUMPING NARRATIVE DESCRIPTION From 1966 - 1974 waste water con into an off-site impoundment. DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGATION POTENTIALLY AFFECTED:	ozilobserved (DATE. taining a high lev SED HAZARDS) □ POTENTIAL el of lead was disc	□ ALLEGED charged
04 01 04 05	XP. ILLEGAL/UNAUTHORIZED DUMPING NARRATIVE DESCRIPTION From 1966 - 1974 waste water con into an off-site impoundment. DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGATION POTENTIALLY AFFECTED:	02:10BSERVED (DATE. taining a high lev SED HAZARDS) □ POTENTIAL el of lead was disc	□ ALLEGED charged

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POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION ART 4 - PERMIT AND DESCRIPTIVE INFORMATIO

I. IDENTIFICATION					
OI STATE	02 SITE NUMBER				
GΔ	D048709372				

VLIA	PART 4 - PERMI	T AND DE	SCRIP	TIVE INFORMAT	rion ^{L(}	GA 10048709372
II. PERMIT INFORMATION						
O1 TYPE OF PERMIT ISSUED (Gheck all that apply)	02 PERMIT NUMBER	03 DATE	ISSUED	04 EXPIRATION DATE	05 COMMENTS	
IT A. NPDES						
C: B. UIC	- 		·			
iJ C. AIR					 	
□ D RCRA					1	
☐ E. RCRA INTERIM STATUS						
F. SPCC PLAN	· · · ·	- 				· · · · · · · · · · · · · · · · · · ·
LJ G. STATE Specify					+	
TH. LOCAL Soucity)					 	
:31. OTHER (Sp. e., Hy)		-				
		+			NOT DE	OMITTED
XJ.J. NONE	<u> </u>				I NOT PER	RMITTED
III. SITE DESCRIPTION D1 STORAGE/DISPOSAL, (Check all that apply) 0	O AMOUNT OR UNITE	E 1 E 1 CUEF	047	CATACOT O		LOCOTHER
	a manager of	F MEASURE	04 18	EATMENT (Check all that	eppry)	05 OTHER
A. SURFACE IMPOUNDMENT	1A(1	INCENERATION		M A. BUILDINGS ON SITE
(1) B. PILES			1	UNDERGROUND INJ		
D. TANK, ABOVE GROUND			ı	CHEMICAL/PHYSIC BIOLOGICAL	AL .	
[] E. TANK, BELOW GROUND				WASTE OIL PROCES	SSING	06 AREA OF SITE
☐ F. LANDFILL			1	SOLVENT RECOVER		
G. LANDFARM			□ G.	OTHER RECYCLING	VRECOVERY	(Acree)
H. OPEN DUMP			□ H.	OTHER	ecify)	
I CTHER	· · · · · · · · · · · · · · · · · · ·				,,	
the sediments in the	impouriament.		*** =.			
W CONTAINMENT			F - 111.0			
IV. CONTAINMENT			· ·	w i wile	· · · · · · · · · · · · · · · · · · ·	
A ADEQUATE, SECURE	IJ B. MODERATE	□ Ç. I	NADEQ	=		RE, UNSOUND, DANGEROUS
22 DESCRIPTION OF DRUMS, DIKING, LINERS, 84	RRIERS, ETC.					
A railroad fill area	prevents drai	nage o	f th	e impoundme	ent	
1	- · ·		2 2 m		e ali proti	and the second s
1						
V. ACCESSIBILITY			····			
01 WASTE EASILY ACCESSIBLE 1] YES 02 COMMENTS	EŽ NO	<u>.</u>				
The site is 1400 feet	from the near	rest r	oad.	There is n	o barrier	around the
IL SOURCES OF INFORMATION ICHO BIT	olid reruremons e.g. state tiles sam	pie knalysis rep	ortal			
				erv.	,* '.	
GA EPD FILE" METALPLA	IE GALVANIZIN	الم سيني				
,	10 S.	:		04 - 42 mm - 2 m		

EPA FORM 2070 13 (7 81)

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SEPA		ENTIAL HAZAF SITE INSPEC	TION REP	ORT		I. IDENTIFIC 01 STATE 02 S GA DO	
II. DRINKING WATER SUPPLY	PART 5 - WATER	, DEMOGRAPH	C, AND E	ANDUM	ENTALUATA		
01 TYPE OF DRINKING SUPPLY		02 STATUS				03 DISTANO	E TO SITE
(Chuck as dypecable)	-	UZ GIAIUG				000.07.410	
SURFACE		ENDANGER			MONITORED		
COMMUNITY A. III	B. □ . D. IX	A. 🗆 D. 🗆	B. E.	n .	C. C.	B 0	. 75 (mi)
III. GROUNDWATER	U. 124	0.0				<u> </u>	11117
01 GROUNDWATER USE IN VICINITY (Check	onel			····			
() A. ONLY SQUACE FOR DRINKING	XI B. DRINKING (Other source's availage	DUSTRIAL, IRRIGATIO	(L	OMMERCIAL,	INDUSTRIAL, IRRIGAT	FION □ D. NOT	USED, UNUSEABLE
02 POPULATION SERVED BY GROUND WA	TER 12	To restration for the	03 DISTANC	E TO NEARES	ST DRINKING WATER	WELL 0.7	5(mi)
04 DEPTH TO GROUNDWATER	05 DIRECTION OF GRO	OUNDWATER FLOW	OB DEPTH TO		07 POTENTIAL YIEL	.D 08 SOL	E SOURCE AQUIFER
(ft)	south		OF CONC	(ft)	unknow	n _(and)	YES D NO
09 DESCRIPTION OF WELLS (Including uses)	<u> </u>	population and bulldings)	<u> </u>		1	= (8pc) 1	
unknown		· · · · · · · · · · · · · · · · · · ·					
10 RECHARGE AREA			11 DISCHAR	GE AREA	rs severa	1	
X NO n/a			□ NO	COMMEN	15 5575.5	•	
			L	<u> </u>			
IV. SURFACE WATER 01 SURFACE WATER USE (Check one)						, ,	
X A. RESERVOIR, RECREATION DRINKING WATER SOURCE		N, ECONOMICALLY	. , ;	COMMERCIA	AL, INDUSTRIAL	☐ D. NOT C	CURRENTLY USED
- Oranidad Wangiroodhoe	IVII OTTAL	***************************************					
02 AFFECTED/POTENTIALLY AFFECTED B	ODIES OF WATER	4					
NAME:	**	. 1 1	1		AFFECTED	DISTA	NCE TO SITE
Utov Chook			÷				/mil
Utoy CreekChattahoochee	River				0		(mi)
		-					(mi)
V. DEMOGRAPHIC AND PROPERT	Y INFORMATION					·	
OI TOTAL POPULATION WITHIN				02	DISTANCE TO NEAR	ST POPULATION	
0.074	NO (2) MILES OF SITE 3 171 NO. OF PERSONS	THREE (3) MILES OF 269 NO OFFERSONS	SITE	0. <u>32</u>		_(mi)
03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE		04 DISTANC	E TO NEARES	ST OFF-SITE BUILDING)	
967.).15 _(mi)	
The site is locat is a mixture of roccurring to the east & south. Futoward a more urb	ed in an url residential north & wes urther develo	ban area w & commerci t and resi opment in	est of al deve dential	Atlant lopmen devel	a, GA. Gro it. Commen opment pro	owth in t rical dev edominate	elopment is s to the

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POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT ART 5- WATER DEMOGRAPHIC AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

GA D048709372

WLIA	PART	5 - WATER, DEMOGRAPH	IC, AND ENV	IRONMENTAL D	ATA LGA	1004870	93/2
VI. ENVIRONMENTAL INFORMA	TION						
01 PERMEABILITY OF UNSATURATED Z	ONE (Check one)						
□ A. 10 ⁻⁶ – 10 ⁻	6 cm/sec	☐ B. 10-4 - 10-6 cm/sec 反	C. 10-4 - 10-	-3 cm/sec ☐ D. GF	REATER THAN	10 ⁻³ cm/sec	
02 PERMEABILITY OF BEDROCK (Chuck of	ine)					- 17s	
1 i A. IMPERM (Less than s	1EABLE [10 ^{~ 6} cm/sec)	() B. RELATIVELY IMPERMEABL (10 ⁻⁴ - 10 ⁻⁶ cm/sec)	E X) C. RELA	TIVELY PERMEABLE 10 ⁻⁴ cm/sec)	D. VERY	PERMEABLE inan 10 ⁻² cm/sec)	1
03 DEPTH TO BEDROCK	04 DEPTH OF	CONTAMINATED SOIL ZONE		OIL pH			
		unknown (n)	_	unknown			
08 NET PRECIPITATION	07 ONE YEAR	24 HOUR RAINFALL	08 SLOPE SITE SLOPE	E DIRECTION O	F SITE SLOPE	TERRAIN AVER	RAGE SLOPE
(in)		3,25 (in)	7.5	_% south	neast		%
09 FLOOD POTENTIAL		10					
SITE IS INYEAR FLO	ODPLAIN	☐ SITE IS ON BARRII n/a		2 mm 2 mm 2 = =	28.7		•
11 DISTANCE TO WETLANDS (5 acre minere				CRITICAL HABITAT (or	endangered species	d .	
ESTUARINE	n/a	OTHER	n/a			_ (mi)	
A(mi)	В	(mi)	ENDANG	GERED SPECIES:			
13 LAND USE IN VICINITY			= 1		:		-
DISTANCE TO		RESIDENTIAL AREAS: NATION	NAL/STATE PAR		AGRICULTU	JRAL LANDS	
COMMERCIAL/INDUSTRI	IAL	FORESTS, OR WILDLIF	E RESERVES	PRIME	AG LAND	AG LAN	ND .
a 0.15 (mi)				2.1 12.77			
A. <u>U.13</u> (mi)		В	(mi)	C	(mi)	D	(mi)
1 4 DESCRIPTION OF SITE IN RELATION 1		The second secon				1 1 mm	
The facility is lo	cated o	n a ridge line s	outh of	Bakers Fer	ry Road	. The	of
contaminated area the process buildi	is loca	ited in a drainag	je route	beginning to the so	at the i	through	a a
duningan ning down	v a dita	h to an impounds	nent ir	ne impoundm	ient is '	tormed by	atwo
vidage and a vail	line.	The berm on which	ch the ra	ail lines a	re loca	tea runs .	ald
right angle with t	the ridg	ges and prevents	any dra	inage from	the impo	oundment.	
g c ag. c a	•	,					
4 · · · · · · · · · · · · · · · · · · ·				The state of the s			
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			4	The second secon	· , ·		
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		i de la competición del competición de la compet			
! VII. SOURCES OF INFORMATIO!	N (Cité specific re	elerences, e.o. state illes samole acetyas	recortel				
							
	_			ing and the second of the seco	TO THE STREET	enter Section of the Control of the	
GA EPD FILES "ME	TALPLAT	E GALVANIZING"		i			

EPA FORM 2070-13 (7-81)

I SEPA		P	POTENTIAL HAZARDOUS WASTE SITE			L IDENTIFICATION		
		P/	SITE INSPECTION REPORT ART 6 - SAMPLE AND FIELD INFORMATION		GA D048709372			
II. SAMPLES TAKE	N					-		
SAMPLE TYPE		01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO		-	03 ESTIMATED DATE RESULTS AVAILABLE		
GROUNDWATER								
SURFACE WATER	,							
WASTE				,				
A R				· · · · · · · · · · · · · · · · · · ·				
RUNOFF	- 		- :					
SPILL								
soil		4	GA EPD LABORATORY	·.	· · · · · · · · · · · · · · · · · · ·			
VEGETATION	and the second s			· ·				
OTHER								
III. FIELD MEASUR	EMENTS TA	KEN		:				
O1 TYPE		02 COMMENTS				1.2		
	······································							
	· · · · · · · · · · · · · · · · · · ·							
								
IV. PHOTOGRAPHS	S AND MAPS			shows of a set tog				
OI TYPE & GROUN	D () AERIAL		02 IN CUSTODY OF attached (Name of organization	n or individual)	•			
C3 MAPS X YES II NO	04 LOCATION	APPE	NDIX A					
	ATA COLLE	CTED , Provide narrative des	Cristion)	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			
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i.			to the second			, , ,		
					u ll unun Japan			
1				1.1 PEC 11	<u> </u>			
VI. SOURCES OF IN	FORMATIC	N (Gra sphaifia referentios, e	g . Statu files, : aingio analysis, reports!					
GA EPD I	ILES	"METALPLATE	GALZANIZING"	**************************************				
•					7 75 A			
-			· · · · · · · · · · · · · · · · · · ·	3:. · 1 · 7				
EPA 1 OFM 2070-13 (7-8			-					

	. 1		ARDOUS WASTE SITE	I. IDENTIFI	I. IDENTIFICATION		
\$EPA			CTION REPORT	01 STATE O	SITE NUMBER D048709372		
7/LI /		PART 7 - OWN	ER INFORMATION	<u>un</u>	DUTU/ U33/ L		
II. CURRENT OWNER(S)			PARENT COMPANY (If applicable)				
OT NALE		02 D+B NUMBER	OB NAME		09 D+8 NUMBER		
Metalplate Galvanizi	ng	D048709372					
03 STREET ADDRESS (P O. Box. RFD . etc.)		04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE		
500 Selig Dr. SW							
05 CITY		07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE		
Atlanta	GA_	30336					
01 NAME	•	02 D+B NUMBER	08 NAME		09 D+B NUMBER		
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		U4 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE		
es street Abbressir.o. aux, nr o v, accy		0.0000	10 011 102 1 100 1 100 1 1 1 1 1 1 1 1 1		1 100000		
05 CITY	IOS STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE		
01 NAME		02 D+B NUMBER	08 NAME		09 D+B NUMBER		
03 STREET ADDRESS (P O Box, RFD #, etc.)	<u> </u>	04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11SIC CODE		
OS CITY,	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE		
O1 NAME		02 D+3 NUMBER	08 NAME	,	090+8 NUMBER		
O3 SYREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC COD€		
		-					
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE		
III. PREVIOUS OWNER(S) (List most recent	(irst)		IV. REALTY OWNER(S) (N applicable; I	ist most recent first)			
01 NAME	-	02 D+8 NUMBER	01 NAME		02 D+B NUMBER		
Atlantic Steel . 03 STREET ADDRESS IP O. BOX, AFD F. etc.)		04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.		04 SIC CODE		
f		340.0000	US STREET ADDRESS (P.O. BOX, HPD F, BIC.	,	OF SIC CODE		
1300 Mecaslin St	OBSTATE	07 ZIP CODE	05 CITY	108 STATE	07 ZIP CODE		
Atlanta	GA	30301					
O1 NAME		02 D+B NUMBER	01 NAME		02 D+B NUMBER		
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.))	04 SIC CODE		
05 CITY	06 STATE	07 ZIP CODE	05 CITY	Q6 STATE	07 ZIP CODE		
OT NAME		02 D+B NUMBER	OI NAME		02 D+8 NUMBER		
03 STREET ADDRESS (P O Box, RFO *, etc.)		04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		
OG STILLE ABBITLESO IF O BOX, NI O S. VIL.)		0.00000	OS STREET ADDITECTOR. BOX, ATO V. 480)		04 310 0002		
OSCITY	OBSTATE	07 ZIP CODE	05 CITY	JOB STATE	07 ZIP CODE		
	1				·		
V. SOURCES OF INFORMATION (Cite)	specific references.	н п. state files, sample analysis.	(eports)				
i				*			

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GA EPD FILES "METALPLATE GALVANIZING"

1	
A	The State of the

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION						
01 STATE	02 SITE NUMBER					
GA	D048709372					

VEPA				OR INFORMATION	GA	D048709372
II. CURRENT OPERATO	OR (Provide if different from	m owner)		OPERATOR'S PARENT COMPA	NY (If applicable)	
Metalplate	e Galvanizir	ng Ind	02 D+B NUMBER	10 NAME		11 D+B NUMBER
03 STREET ADDRESS (P.O. BO			04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE
500 Selig	Dr. SW					1
OS CITY		1 1	07 ZIP CODE	14 GITY	15 STATE	16 ZIP CODE
Atlanta OS YEARS OF OPERATION		GA	30336			<u> </u>
38 YEARS OF OPERATION	08 NAME OF OWNER				-	•
III. PREVIOUS OPERAT	FOR(S) (List most recent for	ust; provide or	nly # different from owner)	PREVIOUS OPERATORS' PAREI	NT COMPANIES #	If applicable)
01 NAME			02 D+8 NUMBER	10 NAME		11 D+B NUMBER
Atlantic S	Steel :	!				
			04 SIC CODE	12 STREET ADDRESS (P O. Box, RFD 4, 41c.)	13 SIC CODE
os city 1300 Mecas	slin	TOB STATE	107 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
î †			00001		1	102., 3332
Atlanta OB YEARS OF OPERATION	09 NAME OF OWNER	DURING THIS	IS PERIOD			<u> </u>
3	Atlantic S	teel				
01 NAME	11101011010		02 D+B NUMBER	10 NAME	11 D+B NUMBER	
03 STREET ADDRESS (P O 80)x, RFD #. etc.}		04 SIC CODE	12 STREET ADDRESS (P. O. Box, RFD #, etc.)		
05 CITY		08 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER	DURING TH	IS PERIOD	:		- <u></u>
O1 NAME		,	02 D+8 NUMBER	10 NAME		11 D+B NUMBER
03 STREET ADDRESS (P.O. 80	ox. RFD ≠ etc.)		04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD #, etc.))	13 SIC CODE
OS CITY		08 STATE	07 ZIP CODE	14 GITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER	DURING THE	IS PERIOD			
IV. SOURCES OF INFO	DRMATION (Cita specif	to references	vista liine campia anaivere	(agosts)		
17.000110120 01 11	THE TOTAL LOSS SPACES	C forerences,	в д., Зако инов заприо ополу на,	reports		
LANGE COMP.					fizer i um militaria. Ori o diuses	
	wa			n II		
GA EPD F1	ILES "METAL	LPLAIF	E GALVANIZING	à" .	. <u> </u>	
No. 1 abrushi i						en e
I				1. (1. 一世》 1915年第1月7日20日報(1. 1917年 - 1917年		
						ا المحادث المحادث المحادث المحادث
			· · · · · · · · · · · · · · · · · · ·			
B e				and the second of the second		

⊕EPA		OTENTIAL HAZ SITE INSP GENERATORI	01 STATE 02	O1 STATE O2 SITE NUMBER GA D048709372			
II. ON-SITE GENERATOR							
Metalplate Galvanizing		02 D+8 NUMBER					
03 STREET ADDRESS (P O. Box, RFD #, etc.)		04 SIC CODE			- <u>.</u>		
500 Selig Dr. SW	IOS STATE	07 ZIP CODE					
Atlanta	GA	30336			-		
III. OFF-SITE GENERATOR(S)	. 						
01 NAME N/A		02 D+8 NUMBER	01 NAME		02 D+B NUMBER		
03 STREET ADDRESS (P.O. Box, RFD P, etc.)		- 04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE		
01 NAME		02 D+8 NUMBER	01 NAME	<u> </u>	02 D+B NUMBER		
O3 STREET ADDRESS (P O. Box, RFO #, etc.)		04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		
05 CITY	OB STATE	07 ZIP CODE	OS CITY	O6 STATE	07 ZIP CODE		
IV. TRANSPORTER(S)	<u> </u>						
OI NAME		02 D+B NUMBER	01 NAME		02 D+8 NUMBER		
N/A D3 STREET ADDRESS (P O. Box, RFD #, 9(c)	· · · · · · · · · · · · · · · · · · ·	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		
05 CITY	06 STATE	07 ZIP CODE	05 CITY	08 STATE	07 ZIP CODE		
01 NAME		02 D+B NUMBER	01 NAME		02 D+8 NUMBER		
D3 STREET ADDRESS (P.O. Box, RFD 4, etc.)		04 SIC CODE	U3 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		
05 CITY	06 STATE	07 ZIP CODE	05 GITY	06 STATE	07 ZIP CODE		
V. SOURCES OF INFORMATION (Crespecial	c references, o	g., state liles, sample unaly:	ale, reporte)				
GA EPD FILES "METALPI	_ATE G	GALVANIZING	• •				
1	-	- 19 1 ·					
		eneri e en eneri e					
			.e e * \$\$ 2_ *				

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43		A
- 13 mm	والسلة حسن	/1
		_
30		

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

GA D04870937

	PART 10 - PAST RESPONSE ACTIVITIES	[GA D048/093/2
ST RESPONSE ACTIVITIES		
01 D A. WATER SUPPLY CLOSED	C2 DATE	03 AGENCY
04 DESCRIPTION		
01 [] B. TEMPORARY WATER SUPPLY PROVIDE	D 02 DATE	O3 AGENCY
04 DESCRIPTION		
•		
01 CL C PERMANENT WATER SUPPLY PROVIDE	D 02 DATE	03 AGENCY
04 DESCRIPTION		· · · · · · · · · · · · · · · · · · ·
	a der verrichtigen der der der 1980 b. a.	
01 LTD. SPILLED MATERIAL REMOVED 04 DESCRIPTION	O2 DATE	03 AGENCY
		 - (1)
01 E. CONTAMINATED SOIL REMOVED	02 DATE	
04 DESCRIPTION		
•		Commence Com
01 [] F. WASTE REPACKAGED 04 DESCRIPTION	02 DATE	
01 [] G. WASTE DISPOSED ELSEWHERE	02 DATE	
04 DESCRIPTION		
•	and the second s	and the contract of the contra
01 [] H. ON SITE BURIAL	02 DATE	03 AGENCY
04 DESCRIPTION	in grand the company of the comment	- Communication (Communication Communication Communicati
01 (3 I. IN SITU CHEMICAL TREATMENT 04 DESCRIPTION	02 DATE	03 AGENCY
01 C J. IN SITU BIOLOGICAL TREATMENT	02 DATE	
04 DESCRIPTION	The second secon	
01 I] K, IN SITU PHYSICAL TREATMENT 04 DESCRIPTION	02 DATE	03 AGENCY
		in the second of the second
01 [L. ENCAPSULATION	O2 DATE	03 AGENCY
04 DESCRIPTION	e	
01 (L) M. EMERGENCY WASTE TREATMENT 04 DESCRIPTION	02 DATE	- 03 AGENCY
•	and the second s	en en grande de la companya de la c La companya de la co
01 C; N, CUTOFF WALLS	02 DATE	03 ÅGENCY
04 DESCRIPTION		:
01 LEO, EMERGENCY DIKING/SURFACE WATER 04 DESCRIPTION		. 03 AGENCY
U4 DESOMETION		
O. F. O. CHTOEF THEMPUTE COMP.	02 DATE	OZ ACENOV
01 C; P CUTOFF THENCHES/SUMP 04 DESCRIPTION	UZ LIATE	03 AGENCY
		· · · · · · · · · · · · · · · · · · ·
01 1 G. SUBSURFACE OUTOFF WALL	02 DATE	03 AGENCY

SEPA

APPENDIX E

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION
01 STATE 02 SITE NUMBER
GA D048709372

01 DR. BARRIER WALLS CONSTRUCTED	02	DATE		D3 AGENCY		
04 DESCRIPTION		_	···	-,-		
			:			
01 D-S. CAPPING/COVERING	02	DATE		03 AGENCY		
04 DESCRIPTION		•				
		····		<u> </u>		
01 C T. BULK TANKAGE REPAIRED 04 DESCRIPTION	02	DATE		03 AGENCY		
34 DESCRIPTION	•			-1 F .		
	21					
01 (1) U. GROUT CURTAIN CONSTRUCTED 04 DESCRIPTION	Už	2 DAIE		03 AGENCY		
			:	g ryele vi	•	
01 C V. BOTTOM SEALED	0:	DATE		03 AGENCY		
04 DESCRIPTION	. •			00 AGE:101		
•						
01 🗔 W. GAS CONTROL	02	DATE		03 AGENCY		
04 DESCRIPTION			1	11		
•			٠.		•	
01 🗆 X. FIRE CONTROL	02	DATE		03 AGENCY		
04 DESCRIPTION .		-	<u> </u>			_
	•					
01 ☐ Y. LEACHATE TREATMENT	02	2 DATE		03 AGENCY		
04 DESCRIPTION		÷ ÷	1.	T	17	
			-			
01 (1 Z. AREA EVACUATED 04 DESCRIPTION	02	2 DATE			· · · · · · · · · · · · · · · · · · ·	
J4 DESCRIPTION						
				00 10E1/0V		
01 (1) 1. ACCESS TO SITE RESTRICTED 04 DESCRIPTION	. 02	2 DA1E		03 AGENCY		
01 🖸 2. POPULATION RELOCATED	07	2 DATE		03 AGENCY		
04 DESCRIPTION	•		ing over a day on	Taranga e		
			• : •		-	
01 G 3. OTHER REMEDIAL ACTIVITIES	02	2 DATE		03 AGENCY		
04 DESCRIPTION						
				2		
			11 15 15			
		•				3-23-
•		7	a filia a garat. A maratakan maratakan m			-
				la j e r ve		
		: .			-	
DURCES OF INFORMATION (Cite specific re	Herences, e.g., state tiles, : simple analy	ysin reports)			-	
		7 (1) 2 1 : 1:1-2 1				
						-



POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

GA D048709372

II. ENFORCEMENT INFORMATION

OI PAST REGULATORY ENFORCEMENT ACTION (1) YES XI NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY ENFORCEMENT ACTION

The sludge generated by the facility was delisted from regulation; however lead concentrations in the impoundment are 10x those found in uncontaminated background soils.

III. SOURCES OF INFORMATION (Cite specific relatences e.g. state (iles, sample arial) sis reports)

GA EPD FILES "METALPLATE GALVANIZING"

EPA FOEM 2070-13 (7 81)

APPENUIX D - Attachment 4

ANACONDA Aluminum I on Amarlite

Post Orfice Box 1719 Atlanta, Georgia 20301 Telephone 404 691 5750





August 6, 1980

Department of Natural Resources Environmental Protection Division Water Supply Section, Room 719 270 Washington Street Atlanta, Georgia 30334

Gentlemen:

Enclosed is our application for a permit to use ground water. We are proposing to drill a new well which we hope to obtain about 100 gpm which will bring our water production to 335,000 gallons per day. Our present water usage in the anodizing process is more than 432,000 gallons per day.

Sincerely

Amarlite/Anaconda

David R. Colcord

Plant Engineering Manager

DRC: 1h

cc: Jack Ford

Walt Simmons



Service of the servic

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2009

14.11

하는 나라이 한 시간을 하는 생각으로 생각을 통해를 다가 살았다.

Signature of the second
Location: 500 SELIG	DY, , ATLANTA	, GA 30336
EPA Region:		
Person(s) in charge of the facility:	CHARLES	P. EVANS
Name of Reviewer:		Date:
		on needed for rating; agency action, etc.)
ATTACHEI		n needed for rating; agency action, etc.)
		n needed for rating; agency action, etc.)
<i>(</i> '		
<u></u>	34s _{sw} = 10.07s _a = NS)	

FIGURE 1
HRS COVER SHEET

NARRATIVE SUMMARY

METALPLATE GALVANIZING CORPORATION

- GAD048709372

Metalplate Galvanizing has operated a hot dip galvanizing process at this site since 1966. The site consists of a large building housing the cleaning and dipping process and an adjacent paved storage area. A drainage ditch located northeast of the operations building empties into an off-site impoundment. From 1966 until 1975, when a waste water treatment plant was installed, 960,000 gallons of untreated spent pickle liquor was discharged into this ditch and impoundment.

The aquifer underlying the site consists of the Ben Hill granite. Groundwater occupies joints, fractures and other secondary openings in bedrock and pore spaces in the overlying mantle of residual material. Groundwater is used by only a few homes in the area and as the source of industrial process water by Anaconda Aluminum Company one mile north of the site. Utoy Creek is the nearest down-slope body of surface water that could be affected by the site. Utoy Creek is not used as a source for drinking water; however, some fishing occurs in the creek.

The waste water treatment sludge generated by Metalplate Galvanizing has been delisted and the company is presently classified as a non-handler of hazardous waste.

	Ground Water Route Work Sheet										
	Rating Factor		Assigned Value (Circle One)	Multi- plier	Score	Max. Score	Ref. (Section)				
	Observed Release		6 45	1	0	45	3.1				
	If observed release	•									
2	Route Characterist Depth to Aquifer Concern		0 1 2 3	2	4	6	3.2				
	Net Precipitation Permeability of the Unsaturated Zon	he	0 1 ② 3 0 1 ② 3	1	2 2	3 3					
	Physical State		0 1 2 3	1	3	3					
			Total Route Characteristics Score		11	15					
3	Containment		0 1 2 ③	1	3	3	3.3				
4	Waste Characterist Toxicity/Persiste Hazardous Waste Quantity	ence	0 3 6 9 12 15 (18) 0 1 2 3 4 5 (6) 7 8	1 3 1	18	18 8	- 3.4				
				- · · · · · · · · · · · · · · · · · · ·		-					
			Total Waste Characteristics Score		24	26					
5	Targets Ground Water Use Distance to Near Well Population Served	rest	0 1 2 3 0 4 6 8 10 12 16 18 20 24 30 32 35 40	3	6	9 40	3.5				
			Total Targets Score		14	49					
6		multiply nultiply		: : : :	11,088	57,330					
7	Divide line 6 b	y 57,330	and multiply by 100	Sgw=	19.3	3 4					

FIGURE 2
GROUND WATER ROUTE WORK SHEET

			Surface Water Route Work She	et	611		-
	Rating Factor		Multi- plier	Score	Max. Score	Ref. (Section)	
1	Observed Release		0 45	. 1	O	45	4.1
			n a value of 45, proceed to line 4 a value of 0, proceed to line 2.		-		
2	Route Characteristi Facility Slope and Terrain 1-yr. 24-hr. Rainfe	d Interver	ning (0) 1 2 3 0 1 2 (3)	1	0	3	4.2
	Distance to Near Water Physical State			2	36	6 3	
}			Total Route Characteristics Score		12	15	
3	Containment		Ô 1 2 3	1	0	3	4.3
4	Waste Characterist Toxicity/Persiste Hazardous Waste Quantity	nce	0 3 6 9 12 15 (18) 0 1 2 3 4 5 (18) 7 8	1 3 1	18	18 8	4.4
	Г		Total Waste Characteristics Score	-:	24	26	
5	Targets Surface Water Us Distance to a Ser Environment	se nsitive	Q 1 ② 3 ③ 1 2 3	3 2	6	9	4.5
	Population Served to Water Intake Downstream	a/Distanc	0 4 6 8 10 12 16 18 20 24 30 32 35 40	1	0	40 —	
			Total Targets Score		6	5 5	
8			1 × 4 × 5 2 × 3 × 4 × 5		. 0	64,350	
7	Divide line 6 by	64,350 a	and multiply by 100	S _{sw} =	0		- 1

FIGURE 7
SURFACE WATER ROUTE WORK SHEET

NOT SCOREd

	Air Route Work Sheet											
	Rating Factor		Ass (C	Multi- plier	Score	Max. Score	Ref. Section)					
1	Observed Release		0		45		1		45	5.1		
	Date and Location	•										
	Sampling Protocol	•			-	`u. ~						
		_	D. Enter on I seed to line		•			 	-			
2	Waste Characteris Reactivity and Incompatibility Toxicity	tics	0 1	2 3			1 3		3	5.2		
	Hazardous Waste Quantity	•	0 1		4 5	6 7 8	1	<u>.</u> .	8			
			Total Waste	Charac	teristic	s Score	-		20	<u>.</u>		
3	Targets Population Within 4-Mile Radius Distance to Sens) 0 9 } 21 24 0 1	12 15 27 30 2 3	18	\$ T- N	1 ,		30	5.3		
	Environment Land Use		0 1	2 3		•	1		3			
						- - 	- :	· · · · · · · · · · · · · · · · · · ·				
			Total	Target	S Score)			39			
4	Multiply 1 x 2	2 × 3				-			35,100			
5	Divide line 4 b	y 35,100 a	and multiply	by 100		-	Sa=					
			7	FIGU	RE 9				. ÷			

AIR ROUTE WORK SHEET

•			<u> </u>
·		S	S ²
Groundwater Route Score (S ₍	1w)	19. 34	374.04
Surface Water Route Score (\$	S _{sw})	0	Ø
Air Route Score (Sa)		0	0
$s_{gw}^2 + s_{sw}^2 + s_a^2$			374.04
$\sqrt{s_{gw}^2 + s_{sw}^2 + s_a^2}$			19.34
$\sqrt{s_{gw}^2 + s_{sw}^2 + s_a^2} / 1.$	73 = S _M =		11.18

FIGURE 10 WORKSHEET FOR COMPUTING S_M

	F	ire a	nd	Exp	olos	ion	Wo	ork Sheet				
Rating Factor		Assigned Value Multi- (Circle One) plier Score					Max. Score	Ref. (Section)				
Containment		1					3	·	1		3	7.1
Waste Characteristics Direct Evidence Ignitability Reactivity Incompatibility Hazardous Waste Quantity		0 0 0 0	1 1 1 1	2 2 2 2	3 3 3 3 3	4	5	6 7 8	11111		3 3 3 3 8	7.2
. [Total	Was	ite (Cha	ırac	teri	stic	s Score	· 		20	<u></u>
Targets Distance to Nearest Population Distance to Nearest Building Distance to Sensitive Environment		0 0	1 1 1	2 2 2	3 3 3	4	5	-	1	•	₃ 5	7.3
Land Use Population Within 2-Mile Radius Buildings Within 2-Mile Radius		0	1	2 2 2	3 3	4	5 5	* · · -	1		3 5 5	
			-		-		-			<u> </u>	- 	 -
		То	tal	Tar	get	s S	core				24	
4 Multiply 1 x 2 x	3										1,440	
5 Divide line 4 by 1,440 and multiply by 100 S FE =												

FIGURE 11 FIRE AND EXPLOSION WORK SHEET

	Direct Contact Work Sheet											
	Rating Factor	Assigned \ (Circle O		Multi- plier	Score	Max. Score	Ref. (Section)					
Image: section of the content of the	Observed Incident	<u></u>	45	., 1	0	45	8.1					
	If line 1 is 45, proceed to lift line 1 is 0, proceed to	_ 										
2	Accessibility	<u>(</u> 0 1 2 3		1	٥	3	8.2					
3	Containment	0 (15)	·	. 1	15	15	8.3					
4	Waste Characteristics Toxicity	0 1 2 3	·····	5	15	15	8.4					
[5]	Targets Population Within a 1-Mile Radius Distance to a Critical Habitat	0 1 2 3	_	4	8	20	8.5					
		Total Targe	ts Score			32						
6	If line 1 is 45, multiply If line 1 is 0, multiply	1 × 4 × 5 2 × 3 × 4 ×			0	21,600						
7												

FIGURE 12
DIRECT CONTACT WORK SHEET

Service Servic

DOCUMENTATION RECORDS FOR HAZARD RANKING SYSTEM

INSTRUCTIONS: As briefly as possible summarize the information you used to assign the score for each factor (e.g., "Waste quantity = 4,230 drums plus 800 cubic yards of sludges"). The source of information should be provided for each entry and should be a bibliographic-type reference. Include the location of the document.

FACILITY NAME: _	METALPLATE GALVANIZING
LOCATION:	500 Selic DY, SW, ATLANTA, CA 30336
DATE SCORED:	
PERSON SCORING:	CHARLES P. EVANS
PRIMARY SOURCE(S) OF INFORMATION (e.g., EPA region, state, FIT, etc.):
EPO FILE	IN FORMATION
FACTORS NOT SCOR	ED DUE TO INSUFFICIENT INFORMATION:

AIR ROUTE

FIRE & EXPLOSION

COMMENTS OR QUALIFICATIONS:

GROUND WATER ROUTE

1.	OBSERVED	RELEASE
4.	ODSERTED	RELEASE

Contaminants detected (5 maximum):

NA

Rationale for attributing the contaminants to the facility:

NA

2. ROUTE CHARACTERISTICS

ASSIGNED VALUE = 2

Depth to Aquifer of Concern

THE ARITOR of CONCRED IS The

Name/description of aquifer(s) of concern:

Ben HILL GRANITE. GROUNEWATER OCCUPIES WINT: & PRACTURES & STAR.

SECONDARY OPERATES IN GOLFOCK AND PORE SPACE IN The OFFICE MANTLE

of ROSIOVAL M-TERIAL.

(PeF 141)

Depth(s) from the ground surface to the highest seasonal level of the saturated zone [water table(s)] of the aquifer of concern:

(INSERT A-page 2A)

Depth from the ground surface to the lowest point of waste disposal/storage:

Zero, The sediment samples were collected from the

bottom of The Impoundment.

(RF 10)

2

The elevation of the impoundment is 790 feet above mean sea level (from topographical map). Data from well logs of wells at Anaconda Aluminum, (1.1 miles from the site), indicate that the static water level is 40 feet below the surface. The elevation of the land surface at Anaconda Aluminum is 840 feet avoe mean sea level. Therefore, the static water level is 800 feet above mean sea level.

References #3, #4 & #5 (Topographical maps and well logs)

Net Precipitation	ASSIGNED VALUE = 2	
Mean Annual or seaso	onal precipitation (list months for seasonal):	
The MEAN ANNU	IAL PRECIPITATION IS 48 INChes PER YEAR	
(HII marval)		: - : - : - : - : - : - : - : - : - : -
Mean annual lake or	seasonal evaporation (list months for seasonal):	-
The MEAN ANNUAL	LATER RATE IS 41 INCLES PER YEAR	7
(HK) MILNORE)	(Rat 6)	
Net precipitation (s	ubtract the above figures):	
(48-41) = 7 IN	CLES PER YEAR, NET PRECIPITATION	
(CALCULATION)	en de la composition br>La composition de la	
Permeability of Unsa	turated Zone ASSIGNEL VALUE = 2	
Soil type in unsatur	ated zone:	
The soil Type	ASSOCIATED with the SITE 15	2
SANdY LOAM	(SOIL SULVEY) (p-7)	
Permeability associa	ted with soil type:	
THE PERMEABILITY	ted with soil type: ASSOCIATED WITH SANDY LOAIN IS	-
10-3-10-5 cm/	Sec. (REF 6 4 NOF7))
Physical State	ASSIGNED VALUE = 3	

Physical state of substances at time of disposal (or at present time for generated gases):

The PHYSICAL STATE of The WASTE AT The Time of DISPOSAL
WAS A LIQUID.

(103 e) (12 F 8)

3.	CONTA	INMENT
----	-------	--------

Cor	a + 5	ir	ma	nt
COL	าเส	П	ıme	ΠL

ASSIGNED VALUE = 3

Method(s) of waste or leachate containment evaluated:

The method of Lenchare contributory evaluated was

(ReF_16_)

Method with highest score:

The IMPOUNTMENT had The inchest score,

4. WASTE CHARACTERISTICS

Toxicity and Persistence

ASSIGNED VALUE = 10

Compound(s) evaluated:

LEAD IS THE COMPOUND EVALUATED (REF. 9)

1000 01711

Compound with highest score:

Lead 15 Tie highest scoring compand R.F. 6.

Hazardous Waste Quantity

ASSIGNED VALUE = 6

Total quantity of hazardous substances at the facility, excluding those with a containment score of 0 (Give a reasonable estimate even if quantity is above maximum):

The QUANTITY of HAZHRAOUS SUBSTANCES EVALUATED IS
960,000 GALLONS OR 4,800 CUBIE YARAS

= (RO[8)

Basis of estimating and/or computing waste quantity:

Volume of waste From 1030 NOTIFICATIN = 960,000 gel.

960,000 gal X 1 drum X 1 cubic YARD = 4,900 cubic YARD.

(CALCULATION)

5. **TARGETS**

Ground Water Use

Use(s) of aguifer(s) of concern within a 3-mile radius of the facility:

homes on Boulter PARK DY. TWO TANT USE GROUNEWATER as a scance of DRINKING WAZER Ret 10 -)

Distance to the Nearest Well

ASSIGNER VALUE = 8

Location of nearest well drawing from aquifer of concern or occupied building not served by a public water supply:

The homes THAT Use well FOR ORINE NG WATER AM LOCATED IN Boulder FARK OR , MEST of The (-0PO) (ROF \$3)

Distance to above well or building:

The distaple TO The Nearest well 18 0.74 miles.

(Ref. 3)

Population Served by Ground Water Wells Within a 3-Mile Radius

Identified water-supply well(s) drawing from aquifer(s) of concern within a 3-mile radius and populations served by each:

The will arions from the Aquifer of the Conciny within Three miles of the size are The Nove Ted is. (2 X 3.8 / Pecale/possed) = 7.6 Page

Computation of land area irrigated by supply well(s) drawing from aquifer(s) of concern within a 3-mile radius, and conversion to population (1.5 people per acre):

Three mices of The SIZE. IRRIGATION TAKES PLACE WITHIN NO

H, 12,413) ReF

Total population served by ground water within a 3-mile radius:

7.6 People

SURFACE WATER ROUTE

1. OBSERVED RELEASE

Contaminants detected in surface water at the facility or downhill from it (5 maximum):

NA

Rationale for attributing the contaminants to the facility:

2. ROUTE CHARACTERISTICS

Facility Slope and Intervening Terrain

ASSIGNED VALUE = 0

Average slope of facility in percent:

The AVERAGE SLOPE of The FICILITY IS 8.0 POR CENT,
elevation of PLANT — 870
elevation of improvement— 790 80 × 100 = 8.070
(REF 3)

Name/description of nearest downslope surface water:

UTOY CRECK IS THE NEAREST DOWN SLOPE SUAFACE WATER THAT COULD be AFFECTED by The SIZE.

Average slope of terrain between facility and above-cited surface water body in percent:

 $\frac{(710-770)}{1000} \times 100 = 1.67\%$

Is the facility located either totally or partially in surface water?

YES, STANDING WATER IS PRESENT ON The LOWEST PART of The FACILITY EVEN IN 71. DRYEST MONTHS,

. 3***

(MF 10)

Is the facility completely surrounded by areas of nigner elevation? NO, The FACILITY IS IN A CLUSED GASIN. (Rep 3) ASSIGNED VALUE = 3 1-Year 24-Hour Rainfall in Inches 24- LOUR RAINFALL FOR MAR The 3,25 'INChes. Distance to Nearest Downslope Surface Water DISTANCE TO The MONNEST DOWNSLOPE SUNFACE WATER FeeT ASSIGNED VALUE I 3 Physical State of Waste The Physical state of the waste AT The dISPOSAL WAS LIQUID. CONTAINMENT Containment ASSIGNER Method(s) of waste or leachate containment evaluated: The nother of WASTE CONTAINMENT EVALUATED WAS THAT of SURFACE : MPOUNDMENT (ReF. 10)

6.

Method with highest score:

The method with import with

4.	WASTE	CHARACTERIST	rics

Toxicity and Persistence

ASSIGNED VALUE = 3

Compound(s) evaluated:

Lend is The only Compound Found in SIGINIFANT concentrations. (10 x).

(RIT 4134) 9)

Compound with highest score:

Lend. 15 The higghest sconing compound.

(REF 9)

Hazardous Waste Quantity

ASSIGNED VALUE = 6

Total quantity of hazardous substances at the facility, excluding those with a containment score of O (Give reasonable estimate even if quantity is above maximum):

The TOTAL OUANTITY of WASTE RELEASED TO THE IMPOUNDMENT WAS 960,000 GAL.

(REF. 8)

Basis of estimating and/or computing waste quantity:

The data supplied by metalplace GALVANIZING IN Their

103c NOTIFICATION WAS used TO STAIN The Amount
of WASTE, (RoF. 8)

5. TARGETS

Surface Water Use

ASSIGNED VALUE = 2

Use(s) of surface water within 3 miles downstream of the hazardous substance:

SUNFACE WATER WITHIN Three miles is used rome Recreational use.

(ReF. 14)

Is there tidal influence? TIDAL (Rep 76AD) (Rep 3 ASSIGNED VALUE - O Distance to a Sensitive Environment Distance to 5-acre (minimum) coastal wetland, if 2 miles or less: NON (ROT 1000) (R.F. 3) Distance to 5-acre (minimum) fresh-water wetland, if 1 mile or less: None Distance to critical habitat of an endangered species or national wildlife refuge, if 1 mile or less: NONE 1551GNed Population Served by Surface Water Location(s) of water-supply intake(s) within 3 miles (free-flowing bodies) or 1 mile (static water bodies) downstream of the hazardous substance and population served by each intake: WAZER SUPPLY The. PROBABLE POINT of ENTRY WITER.

(ReF 344)

Computation of to population	of land area irrigated by above-cited intake(s) and conversion (1.5 people per acre):
• •	
NA	i garanti da de la composición de la c La composición de la
	the art of their substances were substanced and a transfer of the substances of the
	The state of the s
	그 아이들은 그는 그는 그는 그는 그는 그는 그들은 그들은 그 그들은 그를 모르는 그를 받는 것이 없다.
	그는 그는 사람들이 되었다. 그는 그는 그들은 학생들은 그 그들은 그는 그들은 그 그들은 그는 그를 받는 것이다.

Total population served:

NΛ

Name/description of nearest of above water bodies:

NA

Distance to above-cited intakes, measured in stream miles:

NA

1.	OBSERVED	RELEASE

Contaminants detected:

Date and location of detection of contaminants:

Methods used to detect the contaminants:

Rationale for attributing the contaminants to the site:

2. WASTE CHARACTERISTICS

Reactivity and Incompatibility

Most reactive compound:

Most incompatible pair of compounds:

Toxicity

Most toxic compound:

Hazardous Waste Quantity

Total quantity of hazardous waste:

Basis of estimating and/or computing waste quantity:

TARGETS 3.

Population Within 4-Mile Radius Circle radius used, give population, and indicate how determined: 0 to ½ mi. 0 to ¼ mi. 0 to 4 mi. 0 to 1 mi.

Distance to a Sensitive Environment

Distance to 5-acre (minimum) coastal wetland, if 2 miles or less:

Distance to 5-acre (minimum) fresh-water wetland, if 1 mile or less:

Distance to critical habitat of an endangered species, if 1 mile or less:

Land Use

Distance to commercial/industrial area, if 1 mile or less:

Distance to national or state park, forest, or wildlife reserve, if 2 miles or less:

المراجعة المستخدم الأصاب المستخدمة المستخدمة المستخدمة المستخدمة المستخدمة المستخدمة المستخدمة المستخدمة المستخ المستخدمة المستخدمة الأصابحة المستخدمة المستخدم

The Committee of the Co

Distance to residential area, if 2 miles or less:

Distance to agricultural land in production within past 5 years, if 1 mile or less:

Distance to prime agricultural land in production within past 5 years, if 2 miles or less:

Is a historic or landmark site (National Register or Historic Places and National Natural Landmarks) within the view of the site?

1. CONTAINMENT

Hazardous substances present:

Type of containment, if applicable:

2. WASTE CHARACTERISTICS

Direct Evidence

Type of instrument and measurements:

<u>Ignitability</u>

Compound used:

Reactivity

Most reactive compound:

Incompatibility

Most incompatible pair of compounds:

Hazardous Waste Quantity

Total quantity of hazardous substances at the facility:

Basis of estimating and/or computing waste quantity:

3. TARGETS

Distance to Nearest Population

Distance to Nearest Building

Distance to Sensitive Environment

Distance to wetlands:

Distance to critical habitat:

Land Use

Distance to commercial/industrial area, if 1 mile or less:

Distance to national or state park, forest, or wildlife reserve, if 2 miles or less:

Distance to residential area, if 2 miles or less:

Distance to agricultural land in production within past 5 years, if 1 mile or less:

Distance to prime agricultural land in production within past 5 years, if 2 miles or less:

Is a historic or landmark site (National Register or Historic Places and National Natural Landmarks) within the view of the site?

Population Within 2-Mile Radius

Buildings Within 2-Mile Radius

 OBSERVED INCIDEN 	NT	מ	I	c	Ν	ī	D	ΙĒ	21	ER	BS	0	L.	1
--------------------------------------	----	---	---	---	---	---	---	----	----	----	----	---	----	---

Date, location, and pertinent details of incident:

None

2. ACCESSIBILITY

Describe type of barrier(s):

(INSERT B) Parge 17A

3. CONTAINMENT

Type of containment, if applicable:

CONTRINED IN The SOIL MATRIX of The 15 TO THE PACILITY AND EXTENDING INTO The DITCH AdvaceNT

BOTTOM & SIDER of The DOWN-SLOPE IMPOUNT ,

WASTE CHARACTERISITCS

Toxicity

Compounds evaluated:

compound evaluated. Lend 13 The only

(ReF 9)

Compound with highest score:

NA.

The population within 1 mile of the site is 984 people. However, the northern section of the contaminated area is inside a facility with controlled access. The southern part of the contaminated area is an impoundment. The impoundment is only accessible by walking 0.27 miles (1,400 feet) along a rail line from the nearest road. Because of the inaccessability of the contaminated area the population that could be involved in a direct contact situation is determined to be zero.

TARGETS 5.

ASSIGNED VALUE = 8

Population within one-mile radius

984 Perpu

(259 homes X 3,8 People/nome) = 984

(Rer 3+4)

Distance to critical habitat (of endangered species)

N/A

APPENDIX F

References to HRS

- Cressler, C. W., C. J. Thurmond and W. G. Hester, 1983. Ground water in the Greater Atlanta Region, Georgia, Department of Natural Resources, Environmental Protection Division, Georgia Geologic Survey, Information Circular #63, pages 7-9.
- 2. McConnell, K. I. and C. E. Abrams, 1984. Geology of the Greater Atlanta Region, Department of Natural Resources, Environmental Protection Division, Georgia Geologic Survey, Information Bulletin #96.
- 3. United States Geological Survey, 1973. Map (photorevised 1973), Ben Hill Quadrangle, 7.5 minute series, 1:24,000 scale.
- 4. United States Geological Survey, 1973. Map (photorevised 1973), Mableton Quadrangle, 7.5 minute series, 1:24,000 scale.
- 5. Application for a permit to use groundwater Part B, Well Data, Anaconda Aluminum Company, 4785 Fulton Industrial Blvd., Atlanta, Georgia.
- 6. National Oil and Hazardous Substances Contingency Plan, Appendix A, 40 CFR 300, 47 Federal Register 31219.
- United States Department of Agriculture, 1949. Soil Conservation Service, Soil Survey of Fulton County, Georgia, page 28.
- 8. EPA Notification of hazardous waste site, June 13, 1984, Metalplate Galvanizing.
- 9. Sampling data, 3/12/86. Metalplate Galvanizing Corporation.
- Trip Report, 7/17/86. By Charles P. Evans, RE: Metalplate Galvanizing, Inc. sampling inspection.
- 11. Record of Telephonic Conversation, 7/9/86. Bill Durden, Cobb County Extension Agent and Charles P. Evans, Georgia EPD, RE: Irrigation of land.
- 12. Record of Telephonic Conversation, 7/9/86. Tom Clents, Douglas County Extension Service and Charles P. Evans, Georgia EPD, RE: Irrigation of land.
- 3. Record of Telephonic Conversation, 7/3/86. Randy Drinkard, Fulton County Extension Service and Charles P. Evans, Georgia EPD, RE: Irrigation of land.
- .4. Record of Telephonic Conversation, 7/17/86. Christopher Martain, Georgia Department of Natural Resources Game and Fish Division and Charles P. Evans, Georgia EPD, RE: Fishing activity on the Chattahoohee River south of Utoy Creek.

GROUND WATER GREATER ATLANTA Acworth GEORGIA Blackwein Kennesav Lawrenceville Marienta ODunwood? Snellville Loganville o Bet 1 111111 Sprikes Gless Haven oBelmont Lithonia East Point Hapeville Prepared in cooperation with the S. Geological Survey Covington Porterdale > Snapping Fayereville Georgia Geologic Surveyough Worthyilled Hampton

In table 7, which lists chemical analyses of well water, some wells retain numbers used in previous reports.

WATER-BEARING UNITS AND THEIR HYDROLOGIC PROPERTIES

The part of the GAR included in this study lies wholly within the Piedmont physiographic province (Clark and Zisa, 1976; Fenneman, 1938). The area is underlain by a complex of metamorphic and igneous rocks that have been divided by various workers into more than 50 named formations and unnamed mappable units. Individual rock units range in thickness from less than 10 ft to possibly more than 10,000 ft.

Regional stresses have warped the rocks into complex folds and refolded folds, and the sequence has been injected by igneous plutons and dikes and broken by faults. Erosion of these folded and faulted rocks produced the complex outcrop patterns that exist today. The large number of rock types in the area

and their varied outcrop patterns greatly complicate the occurrence and availability of ground water in the area. Nevertheless, many of the more than 50 named formations and unnamed mappable units in the GAR are made up of rocks that have similar physical properties and yield water of comparable quantity and chemical quality. Thus, for convenience, the rocks in the report area have been grouped into nine principal water-bearing units and assigned letter designations. The areal distribution of the waterbearing units and their lithologies are shown on plate 1. Data on wells in the water-bearing units are summarized in tables 1-3.

OCCURRENCE AND AVAILABILITY OF GROUND WATER

Ground water in the GAR occupies joints, fractures, and other secondary openings in bedrock and pore spaces in the overlying mantle of residual material. Water recharges the underground

Table 1.--Summary of well data for the Greater Atlanta Region

			ield	P.a.	Depth Casing		denth	Topography (percent of wells in each setting)							
Water- bearing unit	Number of wells	(gal	L/min)	(ft)		(ft)		Slope	Broad lowlands	Uplands- ridge crests	Draw, hollow	Stream or lake	Saddle	Other	
	METT2							52070							
A Amphibolite- gneiss- schist	385	20 - 275	56	35- 2,175	294	0- 200	60	22	35	22	4	11	2	4	
B Granitic gneiss	166	20- 348	72	40 - 825	271	3- 266	54	33	45	2	14	6	0	0	
C Schist	185	20- 150	47	67 - 700	195	4- 144	53	19	19	27	20	11	4	0	
D Biotite gneiss	70	20- 351	56	82 - 710	. 270	7- 140	56	20	27	36	6	11	0	0	
E Mafic	32	20 471	79	67 - 386	191	8- 116	46	17	35	28	3	17	0	0	
F Granite	43	20 - 150	43	43- 422	192	11- 187	57	30	30	15	15	10	0	0	
G Cataclastic	55	20 - 225	74	110 - 800	323	8 - 207	84	4	75	15	4	2	0	0	
H Quartzite	12	20- 200	72	122- 500	297	30- 85	58	45	9	27	18	0	0	0	
J Carbonate	5	31- 150	76	240- 505	376	28- 314	138	0	100	0	0	0	0	0	

FAGE 3 UF

Table 2. Lary of well data for the north half of the Greater

ta Region

			Y:	leld	Depth Casing depth			Topography (percent of wells in each setting)							
	Water- bearing	Number of	(gal	l/min)	(1	(ft) (f		(ft)		Broad	Uplands- ridge	Draw,	Stream		
	unit	wells	Range	Average	Range	Average	Range	Average	Slope	lowlands	crests		lake	Saddle	Other
٨	Amphibolite- gneiss- schist	107	20 - 200	53	55 - 675	220	12 - 187	52	25	28	23	9	12	2	1
В	Granitic gneiss	6	20 - 200	81	170- 337	235	31- 140	68	50	0	33	0	17	0	0
С	Schist	127	20- 150	46	67 - 600	183	4- 144	53	16	14	26	26	12	6	0
D	Biotite gneiss	16	25- 110	54	98- 500	252	14 - 129	65	18	9	36	18	18	0	0
E	Mafic	11	20- 100	47	67 - 375	148	10 - 80	43	22	45	33	0	0	0	0
F	Granite	17	20~ 75	39	43 - 398	152	11- 72	38	20	33	7	27	13	0	0
G	Cataclastic	. 0				_		_	-				-		
н	Quartzite	10	20 - 200	71	122- 500	280	30- 85	57	56	0	22	22	0	0	0
J	Carbonate	4	31- 85	58	240 - 505	399	28- 314	164	0	100	0	o	0	0	0

Table 3.—Summary of well data for the south half of the Greater Atlanta Region

		Y:	ield	De	pth	Casing depth		Topography (percent of wells in each setting)							
Water- bearing unit	Number of wells	(gal	/min) Average	(£	t) Average	(1	Average	Slope	Broad lowlands	Uplands- ridge crests	Draw, hollow	Stream or lake	Saddle	Other	
A Amphibolite- gneiss- schist	278	20 - 275	58	35- 2,175	320	0- 200	63	20	38	22	3	10	2	5	
B Granitic gneiss	160	20 - 348	72	40 - 825	273	3 - 266	54	23	33	30	10	4	0	0	
C Schist	58	20 - 150	48	72 - 700	243	19 125	56	24	32	26	8	8	6	0	
D Biotite gneiss	54	20- 351	56	82 - 710	275	7- 140	53	21	32	36	2	9	0	0	
E Mafic	21	25 - 471	116 .	83 - 386	214	8- 116	47	15	30	25	5	25	0	0	
F Granite	26	20 - 150	45	77 - 422	218	14 - 127	69	36	28	20	8	8	0	0	
G Cataclastic	55	20 - 225	74	110 - 800	323	8 - 207	84	4	75	15	4	2	0	0	
H Quartzite	2	50- 100	75	240- 500	370	_	62	0	50	50	0	0	0	0	
J Carbonate	1	150		285	_	32		0	100	0	0	0	0	a	

openings by seeping through this material or by flowing directly into openings in exposed rock. This recharge is from precipitation that falls in the area.

Unweathered and unfractured bedrock in the report area has very low porosity and permeability. Thus, the quantity of water that a rock unit can store is determined by the capacity and distribution of joints, fractures, and other types of secondary openings. The quantity of stored water that can be withdrawn by wells depends largely on the extent to which the rock openings are interconnected.

The size, spacing, and interconnection of openings differ greatly from one type of rock to another and with depth below land surface. Open joints and fractures tend to become tighter and more widely spaced with increasing depth. Joints and other openings in soft rocks such as phyllite tend to be tight and poorly connected; wells in rocks of this character generally have small yields. On the other hand, openings in more brittle rocks such as quartzite and graywacke tend to be larger and are better connected; wells in these rocks normally supply greater yields. Other rocks, including amphibolite, schist, and gneiss, are variable in the size and connection of secondary openings and generally yield small to moderate quantities of water to wells. Carbonate rocks, which include marble, can contain much larger and more extensively interconnected fracture systems. Openings in carbonate rocks commonly are enlarged by solution, and are capable of transmitting large quantities of water.

Effects of Drainage Style

The GAR is divided nearly in half by the Chattahoochee River, which follows a comparatively straight southwesterly course for nearly 110 miles across the area (fig. 1). Streams in the north half of the area, including the Chattahoochee River and its tributaries, mainly have

rectangular and trellis drainage styles. In contrast, streams in the south half of the area, beginning at about the south edge of the Chattahoochee River basin, have a dendritic drainage style (Staheli, 1976).

Streams having rectangular drainage style flow in strongly angular courses that follow the rectangular pattern of the joints that break up the rocks. Areas having trellis drainage style are characterized by strongly folded and dipping rocks; the larger streams follow the outcrops of less resistant rocks and tributaries enter at right angles across the dip of the strata (Lobeck, 1939, p. 175). All of the streams in the north half of the area show the influence of geologic control, their drainage styles reflecting the varied outcrop pattern, the different lithologies present, and the geologic structure.

In the south half of the area, the dendritic drainage style is indicative of streams that developed independently of the underlying geology (LaForge and others, 1925; Staheli, 1976). According to Staheli (1976, p. 451), dendritic drainage, in which streams run in all directions like the branches of a tree, probably was established on some preexisting surface and later superimposed on the underlying crystalline rocks. Such streams are said to be superimposed when they acquire a course on nearly flat-lying material that covered the rocks beneath. Streams flowing on the veneer of material that covers the bedrock are superimposed above the concealed rocks. When rejuvenated by uplift, they become incised and develop courses without regard to the structure or lithology of the underlying rocks. Eventually, the cover material may be entirely removed and then only the physiographic pattern of the streams will suggest their having been let down from a superimposed position (Lobeck, 1939, p. 173).

According to Staheli (1976, p. 451), to explain the different drainage styles in regions underlain by similar rocks and

REF. 2

PAGE 1 OF 3

GEOLOGY OF THE GREATER ATLANTA REGION

Keith I. McConnell and Charlotte E. Abrams



Department of Natural Resources Environmental Protection Division Georgia Geologic Survey

BULLETIN 96

iy

Inman Yard Formation (Higgins and Atkins, 1981): porphyroblastic biotite plagioclase gneiss porphyroblastic granite gneiss and sillimanite-muscovite schist.

ng

Norcross Gneiss (Higgins and Atkins, 1981): light-gray epidotebiotite-muscovite-plagioclase gneiss locally containing amphibolite.

n I Snellyille Formation (Higgins and Atkins, 1981): includes two members, a lower member of interlayered garnet-biotite-muscovite schist, biotite-muscovite schist, thin amphibolites and minor biotite gneiss and quartzite termed the Norris Lake Schist (n) and an upper member composed of quartzite variably containing muscovite, garnet and sillimanite termed the Lanier Mountain Quartzite (l).

pfu cpq fs Sandy Springs Group (Higgins and McConnell, 1978a: Kline, 1980; this report): Similar to sequence observed in northern Piedmont and at least partially equivalent to Atlanta Group (see text). Includes a lower unit of intercalated biotite gneiss, mica schist and amphibolite (pfu); a middle unit composed of micaceous quartzite, mica schist and graphitic schist (cpq); and an upper unit of graphite-garnet-mica schist with lesser amounts of biotite gneiss and amphibolite (fs).

um
amp
bgn
ggn
sg
bgn/amp/sch
q
bms
m

Unnamed or unassigned units (after Grant, unpublished data; this report): includes meta-ultramafic rocks (um); amphibolite (amp); mica schist and biotite gneiss (bgn); granitic gneiss (ggn); interlayered sillimanite-graphite schist and graphitic, feldspathic quartzite (sg); graphitic, micaceous, feldspathic quartzite (q); intercalated biotite gneiss, amphibolite and mica schist (bgn/amp/sch); garnet-mica schist ± staurolite and garnet-biotite gneiss (bms); and marble (m).

Pzss Pzum Pzsa Pzsas Soapstone Ridge Complex (Higgins and Atkins, 1981): includes an actinolite-chlorite-talc schist (Pzss); fine-grained amphibolite (Pzsa), intermixed amphibolite and actinolite-chlorite-talc schist (Pzsas); and coarse-grained ultramafic rock (Pzum). Also present but not defined on Plate I is a mixed amphibolite-metagabbro-ultramafic unit and a sillimanite-quartz blastomylonite and epidosite near the base of the complex.

lig

Lithonia Gneiss (Herrmann, 1954): includes evenly banded biotitequartz-feldspar gneiss, quartz-rich garnetiferous layers and migmatitic muscovite-biotite-plagioclase-microcline-quartz gneiss termed the Mt. Arabia Migmatite (Grant and others, 1980; not outline on Plate I).

Сp

Palmetto Granite (Dooley, in Atkins and others, 1980a): coarse-grained porphyritic granite composed of microcline, quartz and plagioclase with accessory biotite, muscovite, perthite, sphene, apatite, epidote, and zircon.

Cb

Ben Hill Granite (Higgins and Atkins, 1981): coarse-grained, porphyritic muscovite-biotite quartz-plagioclase-microcline granite.

Cpa

Panola Granite (Higgins and Atkins, 1981): homogenous, medium-grained biotite-oligoclase-quartz-microcline granite.

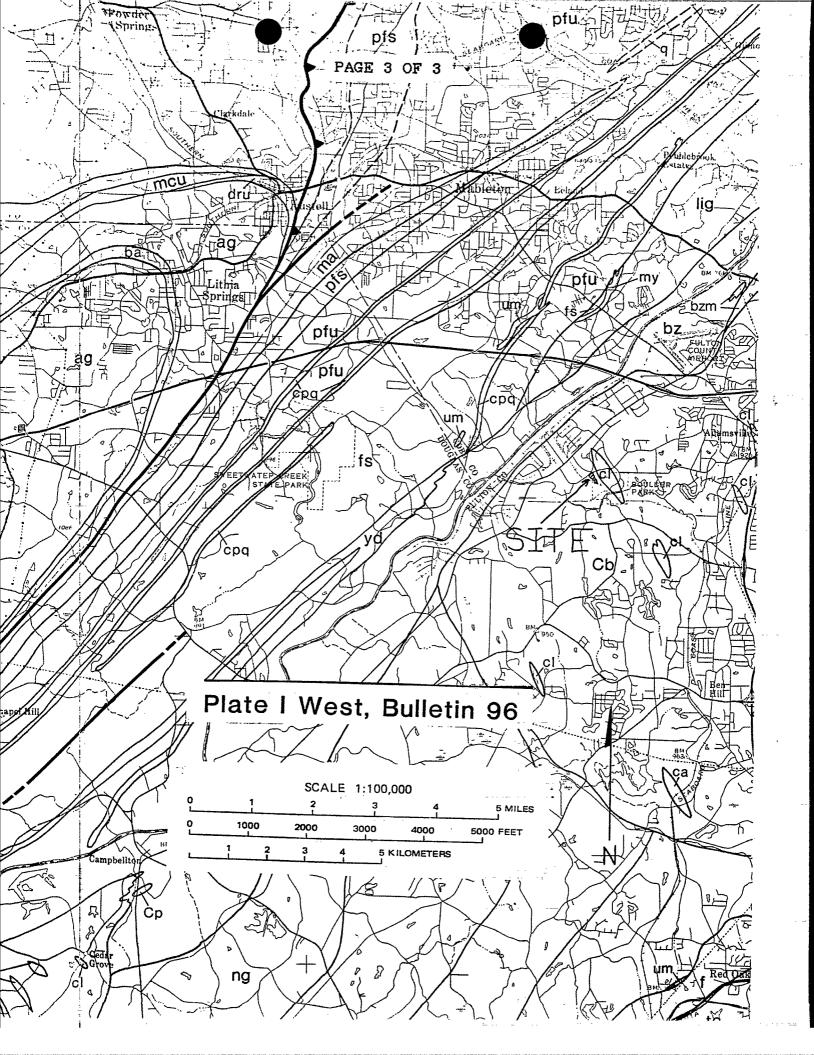
Cs

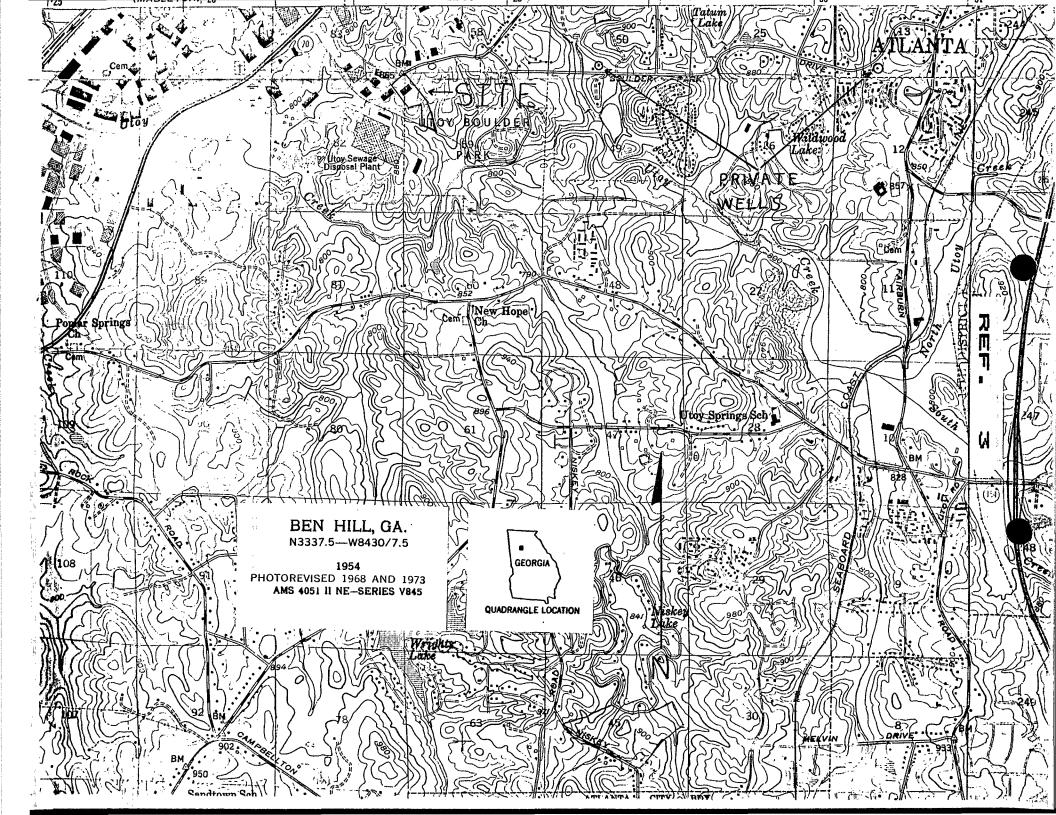
Stone Mountain Granite (Herrmann, 1954): fine-to medium-grained granite composed of biotite, muscovite, microcline, quartz and oligoclase with characteristic rosettes of tourmaline.

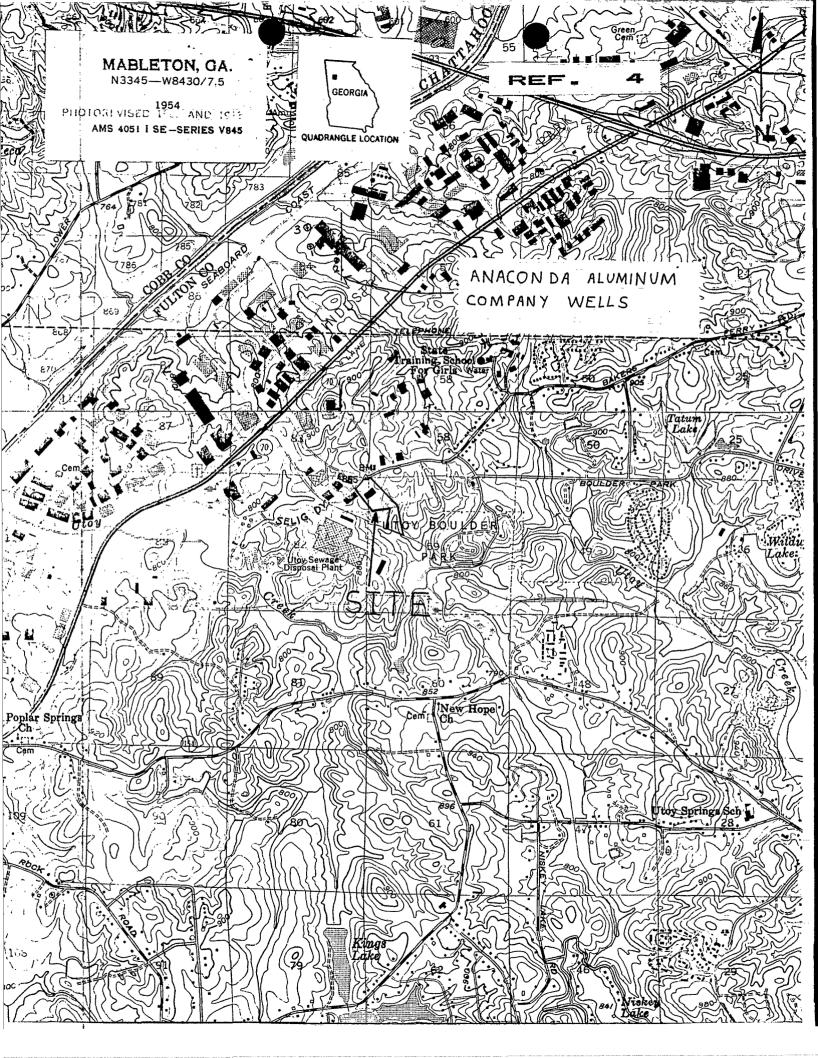
my bz bzm Ductilely sheared rocks: includes undifferentiated ductilely sheared rocks in the Brevard zone including button schists (bz), mylonites in the Brevard zone (bzm), and mylonite in other areas (my).

d

Diabase dikes.







ENVIRONMENTAL PROTECTION DIVISION DEPARTMENT OF NATURAL RESOURCES STATE OF GEORGIA

APPLICATION FOR A PERMIT TO USE GROUNDWATER

PERMIT NO. 060-0003 EFFECTIVE DATE 9/15/85

(Do not write in this space)

PART A - GENERAL INFORMATION (Part A must be accompanied by paro B, well data) PAGE 1 OF 5

[XNEW PERMIT

[]MODIFY EXISTING PERMIT NO.

<u> </u>		(Print or type	all information)		<u> </u>	<u> </u>
APPLICANT Applicant's Name Anaconda Aluminum Company			Phone	404/691-5750		
Addre	Address 4785 Fulton Industrial Boulevard Atlanta,			Fulton,	303	36
	(No. and Street)	(Cit	:y)	(County)	(Zip)	
Water use address (if different from above) Same (Local Name)						
į		a.				i i i i i i i i i i i i i i i i i i i
	(Number and street)	(City)	(Count	y)	(Zip)	F26 .
1					i i i i i i i i i i i i i i i i i i i	
PERMI	r for	:. :				. 1 - ₂₀
	ficial use of 335,000	gallons of water p	per day, to be nu	mned from	3	well(s)
				z.: : -	(Total number)	
_		per day, utilizing _ nptive use for:	1 OCK			_ aquifer(s) for a
I M CC	insumptive use [] Nonconsum	inpulve use 101.				
		[] Central water	supply	[] Coolin	ig water	
	Process water for rinse Other (Specify)	water in alum	ninum anodiz	zing proces	S	
	!	lanı	1975			: -
Month	and year initial usage began,or will	begin	1aly, 1975			
					-	
LOCATI	ON MAP				±: ·· · · · · ·	
iden: Surv	applications shall be accompanied iffied by number. The location map by 7.5 min. quadrangle map, or late should be no larger than 8½ X 11 incomes.	shall be the best n est county highway	nap available, w	hich mav be a r	portion or a copy of a U	S. Geological
SUC	H OTHER PERTINENT INFORMA	TION SURMITTED	BY THE APPL	ICANT OR REC	OURED BY THE DIVIS	SION
			- 1111-736			
	Signed	2	Title		Date	
	Dan SK Col			at Fact		. /80
	Dans 1. Coll		_Pla	nt Engineer	8/1)/ OU
		5		The state of the S	The second of th	

EPD 2.25

ENVIRONMENTAL PROTECTION DIVISION DEPARTMENT OF NATURAL RESOURCES

PAGE 2 OF 5

APPLICATION FOR A PERMIT TO USE GROUNDWATER PART B - WELL DATA

(Submit one (1) form for each well)

(Print or type all information)

APPLICANT Anaconda Aluminum Co.	
WELL NO. #1 (Key to attached location map) Latitude 33° 45' 35" Longitude 84° 32' 58"	Ground elevation (If available) Approx. 800 ft
WELL CONSTRUCTION DESCRIPTION [X Existing [] Proposed
Name of aquifier(s) being or to be utilized Rock	Date drilled January 1975 Date to be drilled Driller Virginia Supply & Well Co. GROUTING X YES []NO Type Cement From 0 ft. to 133 ft. From ft. to ft. From ft. to ft. From ft. to ft. TEST PUMP DATA Pumped X Bailed Estimated Date tested January 1975 Pump rated 88.8 GPM After 40 ft. Drawdown GPM 1975 Pump rated Ft. Drawdown 1975 Pump Type Submersible Turbine Outlet size 3" Powered by Elec Horsepower 15 H.P. Rate 80 GPM Pumping level 250' Average hours pumped per day GPM Pumping Revel 250' Average hours pumped per day
NOTE: Detailed well construction specifications of a proposed well may	be required by the Division upon review of the submitted

Complete WELL LOG on reverse side, if available

ENVIRONMENTAL PROTECTION DIVISION DEPARTMENT OF NATURAL RESOURCES STATE OF GEORGIA

PAGE 3 OF 5

APPLICATION FOR A PERMIT TO USE GROUNDWATER PART B - WELL DATA

(Submit one (1) form for each well)

(Print or type all information)

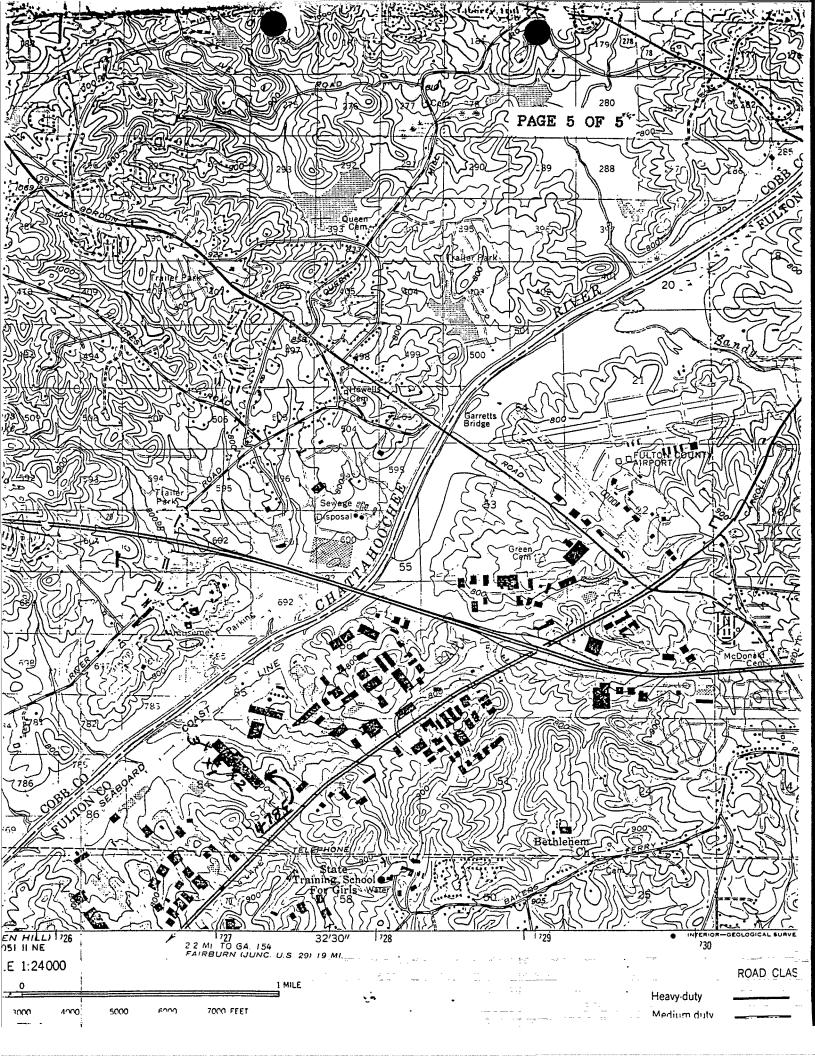
APPLICANT Anaconda Aluminum Co.	J
WELL NO. #2 (Key to attached location map) Latitude 33° 45' 33" Longitude 84° 32' 53"	Ground elevation (If available) Approx. 800 ft.
WELL CONSTRUCTION DESCRIPTION [X] Existing [] Proposed
Name of aquifier(s) being or to be utilized TYPE DRILLING(Indicate) X Rotary Percussion Total depth 500 ft. Bored Static water level 36! DRILL HOLE DIAMETER Size 10 in., from 0 ft. to 147 ft. Size 6 in., from 147 ft. to 500 ft. Size in., from ft. to ft. Size in., from ft. to ft. CASING RECORD Type material Wall thickness Veight/Foot 19# Size 6 in., from 0 ft. to ft. Size in., from ft. to ft.	Date drilled
Complete WELL LOG on reverse side,	if available
Complete will LUG on reverse side.	, II dvaliddic

APPLICATION FOR A PERMIT TO USE GROUNDWATER PAGE 4 OF 5 PART B — WELL DATA

(Submit one (1) form for each well)

(Print or type all information)

APPLICANT Anaconda Aluminum	Company					
Way to attrabad	location man)	Ground elevation (If available) Approx. 800 ft.				
WELL'NO. 3 (Key to attached Longitude 84						
Latitude 33 43 35 20/18/2006 04	32 30					
WELL CONSTRUCTION DESCRIPTION	[] Existing	[X] Proposed				
	- .					
Name of aquifier(s) being or to be utilized	Rock					
TYPE DRILLING(Indicate) X Rotary	- 1	Date drilled Date to be drilled 11/1/80				
Percussion Total depth 500	ft	Driller Virginia Supply & Well Company				
Bored Static water level	11	Driller				
		GROUTING [XYES []NO				
DRILL HOLE DIAMETER	= :: . :	TypeCement				
Size 10 in., from 0 ft. to		From <u>0</u> ft. to <u>130</u> ft. *				
Size 6 in., from 130 ft. to		From ft. to ft.				
Sizein., fromft. to _		From ft. to ft.				
Sizein., fromft. to		TEST PUMP DATA				
Sizein., fromft. to _	ft.	Pumped Bailed				
CASING RECORD		EstimatedBaned				
Type material Steel		Date tested				
Wall thickness		Pump ratedGPMHP				
Weight/Foot19#		Test yieldGPM After				
Size <u>6</u> in., from <u>0</u> ft. to _		(Hours of Pumping) Water level before test ft.				
Sizein., fromft. to _	1	Drawdown ft.				
Sizein., fromft. to _	1	Specific Capacity GPM /ft.				
Sizein., fromft. to _	· ·					
Sizein., fromft. to _	ft.	PERMANENT PUMP DATA (If available)				
WELL SCREEN		Pump type				
Type materialNone		Outlet size				
\$izein.,_fromft. to _		Powered by				
Sizein., fromft. to _		RateGPM				
Sizein., fromft. to _		Pumping level				
Sizein., fromft. to _	ft.	Average hours pumped per day				
Sizein., fromft. to	ft.					
	a proposed well	may be required by the Division upon review of the submitted				
application.						
Fig.		The second secon				
Complete WELL LOG on reverse side, if available						
*IO point where rock is						
encountered.						



REF.

PAGE 1 OF 3

Series 1949, No. 7

Issued December 1958

Fulton County Georgia



UNITED STATES DEPARTMENT OF AGRICULTURE

Soil Conservation Service

In cooperation with the

UNIVERSITY OF GEORGIA, COLLEGE OF AGRICULTURE

SOIL SURVEY SERIES 1949, NO. 7

drainage is medium, and the moisture-holding capacity is moderate.

This complex is in the southern part of the county and is of local agricultural importance. Mapped with it are about 102 acres of Lockhart-Cecil clay loams, eroded rolling phases, that differ principally in having

a generally heavier surface soil.

Use and management (Group A-1).—More than half of the fairly large total area of Lockhart-Cecil sandy loams, eroded rolling phases, is cultivated. The rest is mainly in pasture, but some is idle and some is in pine forest. The principal crops are cotton, corn, small grains, and hay. Under improved management the yields of corn can be tripled over those obtained under the practices commonly used, and the yields of cotton can be more than doubled. Many farmers plant row crops year after year, but the farmers getting the best results use variations of the corn-cotton-small grain-hay crop rotation.

The soils of this complex are fairly easy to work but are relatively difficult to conserve. The principal management problems are the control of erosion and maintenance of fertility. Helpful erosion-control measures are terracing, stripcropping, contour plowing, and use of long rotations. The soils respond well to commercial fertilizer and other soil amendments. Crops similar to those on the eroded undulating phases can be

grown.

Lockhart-Cecil sandy loams, hilly phases (10 to 15 percent slopes) (Lt).—The strong slopes and erosion hazard make this complex of hilly phases largely un-

suitable for tilled crops.

In the Lockhart soil, the surface soil is yellowishbrown friable sandy loam about 6 inches thick. The subsoil, about 23 inches thick, is red firm clay containing small mica flakes. The parent material, variable in thickness, is red, mottled with light-red, friable clay loam. It grades into white to gray disintegrated

granite. In the Cecil soil, the surface soil is about 9 inches thick. It is grayish-yellow friable sandy loam in the approximate first 6 inches and yellowish-red friable heavy sandy loam in the lower 3 inches. The subsoil, about 25 inches thick, is red firm clay that contains a moderate quantity of mica flakes in lower part. The parent material, variable in thickness, is red (splotched brownish-yellow) friable clay mixed with decaying fragments of gneiss or mica schist. This material contains mica flakes.

In forested areas a 2-inch layer of oak leaves, twigs, and leaf mold lies on the surface of both soils of this

complex.

The fertility of these soils is low. Runoff is rapid, and the erosion hazard is great. Internal drainage is medium. The soils hold moisture well. Their surface soil is easily permeable, and their subsoil is moderately

permeable.

Use and management (Group B-3).—A large percentage of the small total area of Lockhart-Cecil sandy loams, hilly phases, is in forest. The rest is in crops and in pasture. Corn and cotton are the chief crops, and under prevailing management yields are very low. This complex has poor workability, and the strong slopes make the use of machinery difficult. Conserva-

bility is fair. Because of unfavorable characteristics, the complex is poorly suited to cultivated crops. It is,

however, fairly well suited to pasture.

Lockhart-Cecil sandy loams, eroded hilly phases (10 to 15 percent slopes) (Lu).—This somewhat excessively drained complex occupies strong slopes near or adjacent to drainageways in the southern part of the county. It resembles Lockhart-Cecil sandy loams, hilly phases, in all profile characteristics but differs in degree of erosion, which generally is moderate. The remaining surface soil is about 2 to 6 inches thick. In the less eroded areas, it is yellowish-brown, grayish-yellow, or reddish-brown friable sandy loam. In the more eroded areas where subsoil material has been mixed in by tillage, it is reddish-brown heavy sandy loam or a reddish-brown or red friable clay loam. The rest of the profile is similar to that of Lockhart-Cecil sandy loams, hilly phases.

The fertility of this complex is low. Runoff is rapid and the erosion hazard is high. Internal drainage is medium. The moisture-holding capacity is moderate. Permeability is moderately rapid to moderate in the

surface soil and moderate in the subsoil.

Use and management (Group B-3).—Less than a third of this soil is cultivated. A larger part is in second-growth pine. Some of the acreage is idle and some is in pasture. Corn and cotton and a few other crops are grown, but yields are very low under prevailing management. This complex is better suited to pasture than to cultivated crops; it will produce fairly good pasture of sericia lespedeza under proper management.

Lockhart-Cecil sandy loams, steep phases (15 to 25 percent slopes) (Lv).—This complex of somewhat excessively to excessively drained Lockhart and Cecil soils occurs on short very strong slopes adjacent to drainageways. The soils have stronger slopes and thinner profile layers than those in the complex of Lockhart-Cecil sandy loams, hilly phases, but they are otherwise

similar.

The fertility of this complex is low. Runoff is rapid to very rapid, and the erosion hazard is high to very high. The moisture-holding capacity is moderate. Permeability is moderately rapid in the surface soil and moderate in the subsoil.

Included with this complex because of similar use suitability is a total of about 527 acres of Lockhart-Cecil clay loams, steep phases. This inclusion differs principally in having a relatively heavy surface soil.

Use and management (Group C-1).—About 90 percent of Lockhart-Cecil sandy loams, steep phases, is in pine-and-hardwood forest. The rest is in pasture or idle. These soils have poor to very poor workability and conservability and very low productivity. Their steep slopes and other unfavorable characteristics render them largely unsuitable for crops and pasture. Forest is their most feasible use.

Lockhart-Cecil sandy loams, eroded steep phases (15 to 25 percent slopes) (Lw).—This complex is made up of eroded areas of Lockhart-Cecil sandy loams, steep phases, that have lost 25 to 75 percent of the surface soil. The remaining surface soil is about 2 to 4 inches thick. In the areas least eroded, it is yellowish-brown or grayish-yellow friable sandy loam. In the areas more eroded, where subsoil material has been mixed



8

United States Environmental Protecti Agency Washington DC 2046C

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must which applies. be mailed by June 9, 1981.

EP4 Fårm 8900-1

Please type or print in ink if you need addition PAGE 1 OF 2 sheets of pages. u. u.u item

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	In the "total facility waste amount" space	2. ☐ Land Treatment 3. ☐ Landfill gallons	960,000 Gallons
,	give the estimated combined quantity (volume) of hazardous wastes at the site	· · · · · · · · · · · · · · · · · · ·	cility Area
	using cubic feet or gallons.	5. 🖫 Impoundment square fee	et e
	th the "total facility area" space, give the estimated area size which the facilities	6. ☐ Underground Injection 7. ☐ Drums, Above Ground acres 1	
	occupy using square feet or acres.	8. Drums, Below Ground	
		9. Other (Specify)	-
G	Known, Suspected or Likely Releases to	o the Environment:	
	Place an X in the appropriate boxes to indicat or likely releases of wastes to the environment	e any known, suspected,	☐ Suspected ☐ Likely ☐ N
	Note: Items Hand I are optional. Completing hazardous waste sites. Although completing	these items will assist EPA and State and local gov the items is not required, you are encouraged to do	ernments in locating and asset i so.
Н	Sketch Map of Site Location: (Optiona	1)	
	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.		CONTOURS
			11 /
		w /	
		POND	
			
		SEABOARD SYSTEMS RE	
	Description of Sites (Ontional)		1
i	conditions of the site. Give directions to	Discharge of waste pickle liquoccurred from 1966 to 1974.	or (K062)
	the site and describe any nearby wells, springs, lakes, or housing. Include such	500dilod 210m . , , 500 , 50 . , , , 1.	
	information as how waste was disposed and where the waste came from. Provide	e e e e e e e e e e e e e e e e e e e	
	any other information or comments which	en e	in the second of
	may help describe the site conditions.		——————————————————————————————————————
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			A Company of the contract of t
J	Signature and Title:	Errort M. Onto	**************************************
	The person or authorized representative (such as plant managers, superintendents,	Name Ernest M. Cain	☐ Owner, Pre
	trustees or attorneys) of persons required to notify must sign the form and provide a	Street 500 Selig Dr., SW	☐ Owner, Pas ☐ Transporter
	mailing address (if different than address		☐ Operator, P
	in item A). For other persons providing notification, the signature is optional.	City Atlanta State GA Zip Code	
	Check the boxes which best describe the relationship to the site of the person	5 M1.	1/2/21/ \$\overline{\pi}\$ Other
	required to notify. If you are not required to notify check "Other".	Signature Date	113/64
	the matter of the state of the	and the control of th	

GEORGIA ENVIRONMENTAL PROTECTION DIVISION LABORATORY REPORT

REF. 9

THE LOC NO. 1-519 2-579 3-519 3-519 THE LOC NO. 1-519 2-579 3-519 3-519 THE COD 1/020 TO 1/020 TO 1/020 TO 1/020 THE COMPOSITE SOIL RACKEROUNE SAIL COMPOSITE SOIL COMPOSITE SOIL COMPOSITE SOIL COMPOSITE SAMPLE I ABORATORY MANAGER THE Y-1-56 THE Y-1-	SAMOTE S		CALVANIZA			es Elans
ETD 3/13/86 LABEL SB-1 S-1 S-3 S-4 SOIL BACKGROWN COMPOSITE SOIL COMPOSITE SOIL COMPOSITE SAMPLE SOIL SOIL SOIL SOIL SOIL SOIL SOIL SOIL	PRODUCT: 777.7			Wife	CIOR: CHINE	ED LVVHUS
CTD SOIL SOI	Carrier III	1-579	2-57 6	3-SIP	3- <i>51P</i>	
SOIL BACKED SOIL BACKED SOIL COMPOSITE SOIL COMPOSITE SOIL COMPOSITE SOIL COMPOSITE SOIL SAMPLE SAMPLE AND AND SOIL SOIL SOIL COMPOSITE SOIL SOIL COMPOSITE SOIL SOIL COMPOSITE SOIL SOIL COMPOSITE SOIL	ATE EC'D 3/13/86 LABEL TRE	58-1	5-1	S- 3	8-4	
DATE IMPOUNTMENT SOUTH	EC'D 1020 EC'D APReed	BUCKENERNY	composite	CALL	COMPSSIZE FROM	
SAMSIES LAB NO. HW/FOO	y: Evans y Harald Landord LABORATORY MANAGER		ON NE SIDE of		I MPOUND MENT	
Total An molta <0 < 10 < 10 < 10 < 10 < 10 < 10 < 10	ATE: 4-1-56 ARAYETERS LAB NO.	HW 1809	HW/8/0	HWIRIC	HW 1812	
# G	Total Ag mg/kg	<10	< 10	< 10	< 10	
* Cd		1 2/3				•
- Cr						
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REF. 10

Georgia Department of Natural Resources

205 Butler Street, S.E., Floyd Towers East, Atlanta, Georgia 30334

PAGE 1 OF 5

J. Leonard Ledbetter, Commissioner Harold F. Reheis, Assistant Director Environmental Protection Division (404) 656-4713

TRIP REPORT
July 17, 1986

Date of Trip:.....March 12, 1986

(404)691-0600

Marty Cain, Metalplate Galvanizing Inc. Plant Superintendent (404)691-0600

Paul Lynes, Craig-Lynes Chemical Management, Inc. I108 Lipscomb Drive Nashville, TN 37204 (615)383-8490

Comments:

Marty Cain, Plant Superintendent, Charles Foster, Plant Manager and Paul Lynes, Environmental Consultant for Metalplate Galvanizing Inc. accompanied EPD Personnel on a tour of Metalplate Galvanizing facility (figure 1). A sample was collected from a drainage ditch at the rear of the facility (sample S-1, see figure 2 for all sample locations) and from an area immediately upslope of the ditch (SB-1).

Trip Report Metalplate Galvanizing Inc. Page Two

PAGE 2 OF 5

Comments Continued:

The drainage ditch drains into a catch basin, through a concrete pipe under a railroad spur line and into an impoundment downslope and off the property.

 $\dot{\Lambda}$ composite soil sample (S-3) was obtained from the land upslope of the impoundment in an area not affected by waste disposal.

A composite soil sample (S-4) was also obtained from the bottom of the impoundment under four feet of water. Surface water from the surrounding area drains into the impoundment. There is no run-on diversion around the impoundment to redirect water draining to this point. All samples were split with Metalplate Galvanizing's Consultant, Mr. Lynes.

A reconnaissance of the area revealed two homes on Bolden Park Drive that use wells for drinking water. (See Figure for locations) Distances to the wells are 0.74 miles and 1.86 miles.

Conclusions:

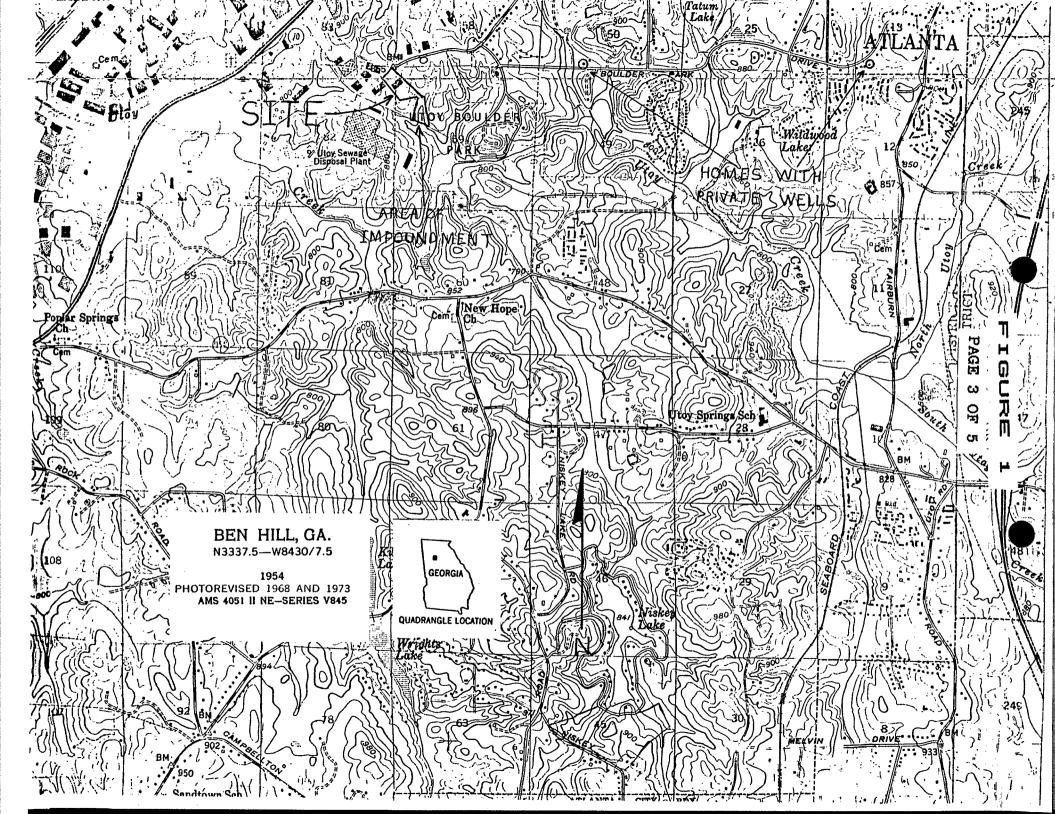
er De la designe de la companya de la co De la companya de la Levels of total lead found in the ditch and impoundment were significantly (10X) above that found in the background samples.

Recommendations and Follow-up Required:

Photographs:.....NONE

- Attachments: 1) topographic map of area
 2) sketch of site depicting sampling and well location
 - 3) laboratory results

cc: Metalplate Galvanizing (B)



GEORGIA ENVIRONMENTAL PROTECT DIVISION LABORATORY REPORT PAGE 5 OF 5

aple 3/	/12/86 PRO	DECT:		GALVANIZIN	6 colle	CTOR: Charle	5 EVANS
		HW LOG NO.	1-576 :	2-578	3-519	3- <i>SIP</i>	
ATE EC'D TDE	3/13/86	LABEL	58-1	S-1	S- 3	8-4	
EC'D /	9 Reed		SOIL BACKGROUND SAMPLC	SOIL COMPUSITE	BACKGROUND SOIL SAMPLE	SOIL COMPOSITE FROM	
	and La Moro LABORATORY MANAGER	/		FROM DITCH ON NE SIDE of	SHALL	I WEOND WENT	
)ATE: 4-				FACILITY			ų.
ARAVETERS		LAB NO.	HW 1809	HW1816	HWISI	HW 1812	
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REF- 11 RECORD OF TELEPHONIC CONVERSATION

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	Time: 2:50
File: <u>MeTALPLA</u> Party Spoken To: <u>S</u>	EXTENSION
	English to the second of the s
COUNTY	COLL COUNTY EXTENSION SERVICE Administration Building
Address: 10 E. 1	PARK SR., SUITE 330 City: MARIETTA
Telephone Number:	(404) 429 - 3343 State/Zip: GA , 30060
Subject (file name):	METALPLATE GALVANIZING
Summary of Call:	MR. DURDEN WAS NOT AWAKE OF ANY
IRRIGATION 11	N COBS COUNTY.
	A CONTROL OF THE CONT

	- The Company of th
Actions Required:	
signature: Ch	arle P. Com
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·	
ignature:	Date:
\$IP-2	5/86

REF. 12 RECORD OF TELEPHONIC CONVERSATION

Routing: Leorlier	a by Mike Allad	Date: 7/9/86
	V	Time: //.23 a.m./p.m.
Party Spoken To:	,	EXTENSION Title: ServicE
	DOUGLAS COUNTY EX	
	and the second of the second o	City: DouclAsville State/Zip: GA, 30134
Subject (file name):	METALPLATE GALVAN	1121N6
Summary of Call:	MR. CLENTS WAS	NOT AWAKE of
ANY IRRIGA	TIGO IN DOUGLAS	COUNTY
and the state of t		
 Actions Required:	NONE	
Signature:	rale P. Fam	
Follow-up Responses/	Additional Comments:	AND THE RESIDENCE OF THE SECOND STREET, AND AND ADDRESS OF THE SECOND STREET, AND ADDRESS OF THE SECOND STRE
	La Carrier de la Agrico de La A	
Signature:		Date:
SIP-2		5/86

REF - 13 RECORD OF TELEPHONIC CONVERSATION

iting: Reviewed by	llike felled	Date: 7/3/	/ 86
		Time: 10:45	a.m./ p.m .
File:	general de la companya de la company	e sa e gegenerate term e e trop e e e dell'e	
ty Spoken To: RANd>	ORINKARE	EXTEN Title: AGENT	
Agency/Company: FULTO	N COUNTY EXTEN	SION SERVICE	
Address: 165 CenterA		the second secon	
Telephone Number: (404			
oject (file name):	TALPLATE GALVAN		(<u>.</u>
mary of Call: ma.			d
ANY IKRIGATION			,
SITE IN FULTOR		group of the second of the sec	
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cions Required: No No			
			
nature: Chale	0 6		
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low-up Responses/Additi	onal Comments:		-
gnature:		Date:	
P-2	r a ser a a the a c	en la la compresenta de la compresenta	5/8

REF- 14 RECORD OF TELEPHONIC CONVERSATION

Routing: Kovewood by Miketlend	Date: 7/17/86
	Time: /0:20 a.m./p-m.
File: METAL PLATE GALVANIZING	
Party Spoken To: Christopher MARTAIN GA DEPT. of NATURAL RESOURCE	Title: WILdLIFe Bloco 6/57
Agency/Company: GAME AND FISH DIVISION	동안, 영화, 양화, 양화, 학교 보조 경험이 가장 하고 보수 보면 한 환경 중에 모든 경우 경우 가는 것이 가득하는데
Address: RT. 2 , Box 119	City: SOCIAL CIRCLE
Telephone Number: (404) 656 - 4817	State/Zip: 6A, 30279
Subject (file name): METALPLATE GALVAN	121N6
Summary of Call: IN MA. MARTAIN'2	opinion The
Level of FISHING ON THIS PANT	
RIVER IS LOW. ACCESS TO The K	and the contract of the contra
IN THIS AREA, IF ACCESS WAS I	mpraved the Loud
of FISHING WOULD PROBABLY INCRE	1 Le.
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Actions Required:	
	And the second of the second o
Signature: Chale & Cam-	
Follow-up Responses/Additional Comments:	
Signature:	Date:
SIP-2	5/86

SITE SUMMARY METALPLATE GALVANIZING CORPORATION (IMPOUNDMENT) ATLANTA, GEORGIA GAD048709372

The Metalplate Galvanizing Corporation Impoundment is located approximately 0.2 miles SE of the Metalplate Galvanizing Corporation, 500 Selig Drive, SW, Atlanta, Georgia 30336. Metalplate Galvanizing Corporation has been conducting a hot dip galvanizing process since 1966. Mr. Ernest Cain, Vice President of Metalplate Galvanizing Corporation submitted a CERCLA 103C Notification from for the subject impoundment in 1984 (Attachment 1) which stated that the impoundment had received 960,000 gallons of a K062 spent pickle liquor between 1966 and 1974. However, during a January 8, 1985 conversation between Mr. Cain and Mike Allred of the Georgia EPD (Attachment 9), Mr. Cain stated that surface runoff from the Metalplate Galvanizing Site was all that had entered the impoundment and that no sludge or wastes had ever been put in it.

K062 wastes are listed as hazardous because of low pH and heavy metal content. The treated K062 waste generated by Metalplate Galvanizing (Attachment 3) has been delisted (Attachments 7 & 8), but there is evidence that there have been discharges of untreated, low pH, K062 wastes into the subject impoundment (Attachments 2, 5, & 10) as recently as 1983. Concentrations of iron and zinc in a sample collected by Betty Burns of GA EPD indicate that the K062 sludge was probably dumped in the impoundment at some time (Attachment 2A).

The impoundment is not lined and access to it is unrestricted. There is a potential for groundwater contamination at the site, but all drinking water for the area is supplied by a municipal water system. The impoundment drains to the southwest and eventually enters the Chattahoochee River at or near Utoy Creek. Thus, the potential exists for surface water contamination. The area immediately around the impoundment is industrialized and no residences are nearby.

It is likely that hazardous wastes were placed in this impoundment. The potential exists for ground and surface water contamination and human exposure. For these reasons, this site is given a "medium" priority for a Site Inspection.

PMA/mcw029

POTENTIAL HAZARDOUS WASTE SITE

	TFICATION
01 STATE	02 SITE NUMBÉR
GA	b

PRELIMINARY PART 1 - SITE INFORMA			IENT	GA D		
II. SITE NAME AND LOCATION		***************************************				
D1 SITE NAME (Legal, common, or descriptive name of site)	02 STREET	, ROUTE NO., O	R SPECIFIC LOCATION II	DENTIFIER		
Natal Dieta Calmanining Comp. Tunoundmor	1 = 5	0 00140	Dwirro CW			1
Metal Plate Galvanizing Corp. Impoundmen	04 STATE		106 COUNTY		07COUNTY	08 CONG
The state of the s			_		CODE	DIST
Atlanta D9 COORDINATES LATITUDE LONGITUDE	GA	30336	Fulton		121	5
						i
33° 44' 35.9" 084° 32' 38.4"	L					
to DIRECTIONS TO SITE (Starting from nearest public road Go SW on Fulton Inc	1. Blv	d 1.9 mi	. beyond I-	20 to B	akers F	erry
Rd. on left (SE). Turn onto Bakers Fer						
Turn right, go to bottom of hill to RR	tracks	. Go le	ft (SE) on	tracks	and tak	e righ
fork. Go approx. 3/4 mi. Impoundment	is on	left (NF	:)			
III. RESPONSIBLE PARTIËS	Top orners	1 10 11				
01 OWNER (If known)	02 STREET	「(Business, malling,	residential)			1
Metal Plate Galvanizing Company		Selig D				
03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE N			1
Atlanta	GA	30336	(404) 691	-0600		ł
0.7 OPERATOR (If known and different from owner)	08 STREET	(Business, mailing,	residential)	····		
						1
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE N	NUMBER	······································	
			()			1
13 TYPE OF OWNERSHIP (Check one)	لـــــــــــــــــــــــــــــــــــــ				 	
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(Agency name)		_ □ G. ÜNK	NOWN			- 1
(Specify)		_ G. GAN				
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)				11.07	.01	
☐ A. RCRA 3001 DATE RECEIVED: / / MONTH DAY YEAR	LED WASTE	SITE (CERCLA 1	03 c) DATE RECEIVE	D: TT /Z/	YEAR	NONE
V. CHARACTERIZATION OF POTENTIAL HAZARD						
01 ON SITE INSPECTION BY (Check all that apply)		0.7.0.	2.0.07.170			
LI YES DATE DELOCAL HEALTH OFF			C. STATE	D. OTHER C	ONTRACTOR	ĺ
40 NO			(3	Spacify)		· ′
CONTRACTOR NAME(S): 02 SITE STATUS (Check one) 03 YEARS OF OPER						
		197	72 [UNKNOWN		- 1
	1966 BEGINNING YE	AR ENDIN	IG YEAR	2 01111101111		
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED Spent pickle liquor from steel finishin	a oper	ations ('V0621 low	nu hos	TTTT mota	۱. ا
Spent bickie ilduot ilom sceet linishin	a ober	acrons ((KOO2), IOW	pm, nea	.vy meca	-2.
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		1.4.		1 1 1	-	
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION		· · · · · · · · · · · · · · · · · · ·				
	T	·		-		
Contamination of ground and surface wat	er. I	mpoundme	ent is not s	secure,	thus	
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Contamination of ground and surface wat population could possibly be at risk. V. PRIORITY ASSESSMENT OI PRIORITY FOR INSPECTION (Check one. II high or medium is checked, complete Part 2: Waste Info		t 3 - Description of H	lazardous Conditions and Inck		thus	
Contamination of ground and surface wat population could possibly be at risk. V. PRIORITY ASSESSMENT	rmation and Par	t 3 - Description of H	lazardous Conditions and Inck	dents)	-	
Contamination of ground and surface wat population could possibly be at risk. V. PRIORITY ASSESSMENT OI PRIORITY FOR INSPECTION (Check one. It high or medium is checked, complete Part 2: Waste Info	rmation and Par	t 3 - Description of H	lazardous Conditions and Inck	dents)	-	
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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 2 - WASTE INFORMATION

	TIFICATION	
01 STATE	02 SITE NUMBER	
CA	ח	

				EINFORMATION			
	ATES, QUANTITIES, AI						
O1 PHYSICAL ST LJ A. SOLID LJ B. POWDEF SX C. SLUDGE	ij g. gas	O2 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent) TONS CUBIC YARDS		O3 WASTE CHARACTERISTICS (Check all that apply) Xi A, TOXIC			
III WASTE T				1			· · · · · · · · · · · · · · · · · · ·
CATEGORY		10 A A G	Las cocce succitut	Isolair of Measure	Tan nouvièure		
SLU	SUBSTANCE I SLUDGE	NAME.		02 UNIT OF MEASURE			
OLW	OILY WASTE		960,000	GA		pickle liquo	
SOL	SOLVENTS	***			1 acre impe	oundment 4-6	it. deep
PSD	PESTICIDES			<u> </u>		·	
occ	OTHER ORGANIC C	HEMICALS					
100	INORGANIC CHEMIC					: :	*
ACD	ACIDS	JALO		 			
BAS	BASES		<u> </u>	 			
MES	HEAVY METALS						
	OUS SUBSTANCES (See	Aggentix for most frequen	the cited CAS Numbers	1			-
01 CATEGORY	02 SUBSTANCE	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	03 CAS NUMBER	04 STORAGE/DIS	POSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
SLU	K062 Spent P			sludge imp		Unknown	CONCENTRATION
	liquor					·	
			-				
V EEEDSTO	CKS (See Appendix for CAS Numi						
			00.040.000	CATEGORY	A	OCKNAME	00.040.1111
CATEGORY	01 FEEDSTO	JN NAME	02 CAS NUMBER	CATEGORY	01 FEEDST	OCK NAME	02 CAS NUMBER
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FDS				FDS			
FDS FDS			 	FDS			
		·····	<u> </u>	FDS			
		03c Notifi tion with	cation Form	(Attachmen		Metal Plate	Galvanizi

EPA FORM 2070-12 (7-81)

SEPA

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

GA D

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

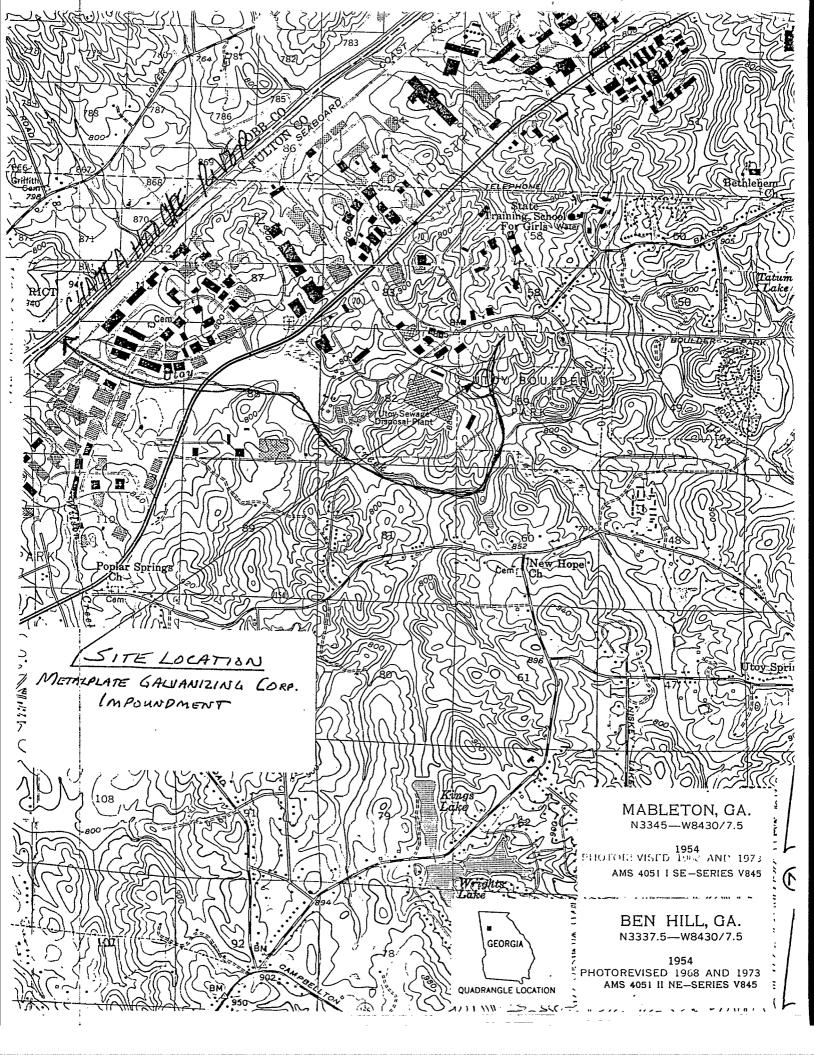
	. Alti V Daothi Hottor Ma	Title of a deliberation with			
	AZARDOUS CONDITIONS AND INCIDENTS		······································		
01 03	X A. GROUNDWATER CONTAMINATION POPULATION POTENTIALLY AFFECTED: Unknown	02 OBSERVED (DATE:04 NARRATIVE DESCRIPTION		₩ POTENTIAL	□ ALLEGED
	Spent pickle liquor (K062 Possible ground water cor	2) was disposed of intamination.	in small	unlined imp	oundment.
01 03	B. SURFACE WATER CONTAMINATION POPULATION POTENTIALLY AFFECTED: Unknown	02 OBSERVED (DATE: 04 NARRATIVE DESCRIPTION)	IX POTENTIAL	☐ ALLEGED
	There is standing water in and runoff. The impoundration above Utoy Creek.	in the impoundment we ment drains into the	which co e Chatta	llects preci hoochee Rive	pitation r at or
	<u> </u>				
	POPULATION POTENTIALLY AFFECTED:	02 OBSERVED (DATE:04 NARRATIVE DESCRIPTION		☐ POTENTIAL	□ ALLEGED
	The second secon		** . * ** **	English at the control of the contro	-
	D D. FIRE/EXPLOSIVE CONDITIONS POPULATION POTENTIALLY AFFECTED:	02 OBSERVED (DATE: O4 NARRATIVE DESCRIPTION	}	☐ POTENTIAL	□ ALLEGED
6					
				-	
01 03	RI E. DIRECT CONTACT POPULATION POTENTIALLY AFFECTED: Unknown Access to impoundment is	02 OBSERVED (DATE:)	[]xPOTENTIAL	[] ALLEGED
	Access to impoundment is	not restricted.	Pri deser	gang and him is to an extrement	المناطقة والماسية
	È F. CONTAMINATION OF SOIL AREA POTENTIALLY AFFECTED:	02 OBSERVED (DATE: 04 NARRATIVE DESCRIPTION)	☐ POTENTIAL	☐ ALLEGED
	incres)				
				-	-
	G. DRINKING WATER CONTAMINATION POPULATION POTENTIALLY AFFECTED:	02 () OBSERVED (DATE: 04 NARRATIVE DESCRIPTION)	POTENTIAL	☐ ALLEGED
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		and the second s	⊌ · #'→ ·	 	
	U H. WORKER EXPOSURE/INJURY WORKERS POTENTIALLY AFFECTED:	02 OBSERVED (DATE:)	☐ POTENTIAL	□ ALLEGED
		C. GRICHATTE DECORPTION	-		
	POPULATION EXPOSURE/INJURY	02 [] OBSERVED (DATE:04 NARRATIVE DESCRIPTION	}	POTENTIAL	□ ALLEGED
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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

I. IDENTIFICATION									
i	01	STATE	02	SITE	NUMBER				
١		GA	D						

	ZARDOUS CONDITIONS AND INCIDENTS	S GA D	
II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)			
01 □ J. DAMAGE TO FLORA 04 NARRATIVE DESCRIPTION	02 🗆 OBSERVED (DATE:)	☐ POTENTIAL	□ ALLEGED
			· · · ·
01 K. DAMAGE TO FAUNA 04 NARRATIVE DESCRIPTION (include name(s) of species)	02 🗆 OBSERVED (DATE:)	□ POTENTIAL	☐ ALLEGED
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04.53.4.00.53.4.00.55.00.00.00.00.00.00.00.00.00.00.00.	OO TO ODOTRIED IDATE:	E POTENTIAL	EL ALLECED
01 ☐ L. CONTAMINATION OF FOOD CHAIN 04 NARRATIVE DESCRIPTION	02 OBSERVED (DATE:)	□ POTENTIAL	☐ ALLEGED
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	· · · · · · · · · · · · · · · · · · ·		
01 🗆 M. UNSTABLE CONTAINMENT OF WASTES	02 OBSERVED (DATE:)	□ POTENTIAL -	□ ALLEGED
(Spilts:runoff.standing liquids/leaking drums) 03 POPIJLATION POTENTIALLY AFFECTED	04 NARRATIVE DESCRIPTION		
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01 [] N, DAMAGE TO OFFSITE PROPERTY 04 NARRATIVE DESCRIPTION	02 🗆 OBSERVED (DATE:)	☐ POTENTIAL	☐ ALLEGED
			•
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01 🗀 O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs 04 NARRATIVE DESCRIPTION	02 OBSERVED (DATE:)	☐ POTENTIAL	☐ ALLEGED
01 (1) P. ILLEGAL/UNAUTHORIZED DUMPING 04 NARRATIVE DESCRIPTION	O2 ☐ OBSERVED (DATE:)	□ POTENTIAL	☐ ALLEGED
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05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLE:	GED HAZARDS		
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III TOTAL DODULATION POTENTIALLY APPROTES			
III. TOTAL POPULATION POTENTIALLY AFFECTED:		For =	
CERCLA 103c Notification (Attachme	ent 1) that the impoundment	received u	ntreated spent
pickle liquor wastes (K062), but I	Mr. Ernest Cain stated in a	1-8-85 tele	ephone con-
versation that the impoundment rec	ceived only surface water r	unoff from	the Metal Plat
Galvanizing property. The treated			Impoundment
V. SOURCES OF INFORMATION (CITO SPORTING TO STATE OF STAT	ampudana, area, and 4-6 it. deep.		
CERCLA 103c Notification (Attachme Conversation with Mr. Ernest Cain State EPD Files.		g Corp.	



Form Approved OMB No. 2000-0138 EPA Form 8900-1

AND THE STATE OF T

Notification of Hazardous Waste S

United States Environmental Protection Agency Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensive Environmental Response Environme

	be mailed by June 9, 1981.	which applies.	
Ā	Person Required to Notify:		
	Enter the name and address of the person	n <u>Name Ernest M</u>	. Cain
	or organization required to notify.	Street 500 Seli	g Dr., SW
		_{City} Atlanta	State GA Zip Code 30336
<u>—</u>	Site Location:		
J	Enter the common name (if known) and	Name of Site Selig	Pond
	actual location of the site.	Street Selig	Drive
	Here	Atlanta	Fulton GA 30336
		City ACTAILO	County FULLUTI State GA Zip Code 90990
С	Person to Contact:	Mama Hass Class and William	Coin Transit M Tita Danidant
	Enter the name, title (if applicable), and business telephone number of the person	Name (Last, First and Title)	
	to contact regarding information	Phone 404-691-0	0600
	submitted on this form.		en e
	Dates of Wests Handling:		
ب	Dates of Waste Handling: Enter the years that you estimate waste		
	treatment, storage, or disposal began and	From (Year) 1966	To (Year) 1974
	ended at the site.		The second secon
E	Waste Type: Choose the option you	prefer to complete	
	Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category. 1. □ Organics 2. □ Inorganics 3. □ Solvents 4. □ Pesticides 5. □ Heavy metals 6. □ Acids 7. □ Bases 8. □ PCBs 9. □ Mixed Municipal Waste 10. □ Unknown 11. □ Other (Specify) 11. □ 12. □	or sources, you are —Description of Site. e of Waste: an X in the appropriate Mining Construction Textiles Fertilizer Paper/Printing Leather Tanning Iron/Steel Foundry Chemical, General Plating/Polishing Military/Ammunition Electrical Conductors Transformers	Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261). Specific Type of Waste: EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located. KO62
	14. □ 15. □ 16. □ 17. □	Utility Companies Sanitary/Refuse Photofinish Lab/Hospital Unknown Other (Specify)	NOV 27 1984 NOV 27 1984 AUG 0 6 1994

	Notification of Hazardous Waste Site	Side Two	<u> </u>
F	Waste Quantity:	Facility Type Total Facility Waste	Amount *
	Place an X in the appropriate boxes to indicate the facility types found at the site.	1. ☐ Piles cubic feet 2. ☐ Land Treatment	
	In the "total facility waste amount" space	3. Landfill gallons 960,00	O Gallons
	give the estimated combined quantity (volume) of hazardous wastes at the site	4. Total Facility Area Total Facility Area	
	using cubic feet or gallons. In the "total facility area" space, give the	5. ☑ Impoundment 6. ☐ Underground Injection	
	estimated area size which the facilities occupy using square feet or acres.	7. Drums, Above Ground acres 1	
	deapy using square reet or dores.	8. ☐ Drums, Below Ground 9. ☐ Other (Specify)	
G	Known, Suspected or Likely Releases	to the Environment:	
	Place an X in the appropriate boxes to indica or likely releases of wastes to the environment	ate any known, suspected, 🂢 Known 🗆 Suspect	ed 🗆 Likely 🗀 Non
	Note: Items Hand I are optional. Completin hazardous waste sites. Although completin	ng these items will assist EPA and State and local governments in ang the items is not required, you are encouraged to do so.	locating and assessing
H	Sketch Map of Site Location: (Option	al)	
	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.		CONTOURS
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	•	POND POND	
			
		SEABOARD SYSTEMS RE	, , , , , ,
. I	Description of Site: (Optional)	Discharge of waste pickle liquor (KO6	52)
	Describe the history and present conditions of the site. Give directions to	occurred from 1966 to 1974.	-
	the site and describe any nearby wells, springs, lakes, or housing. Include such	-	±
	information as how waste was disposed and where the waste came from. Provide		
	any other information or comments which may help describe the site conditions.		
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J	Signature and Title:		
_	The person or authorized representative (such as plant managers, superintendents,	Name Ernest M. Cain	Owner, Present
•	trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address	street 500 Selig Dr., SW	☐ Owner, Past ☐ Transporter ☐ Operator Press
	in item A). For other persons providing notification, the signature is optional.	City Atlanta State GA Zip Code 30336	☐ Operator, Prese ☐ Operator, Past
	Check the boxes which best describe the relationship to the site of the person	Signature 2/13/84	▼ Other
	required to notify. If you are not required to notify check "Other".	vale 1/3/01	·
	and the second s	The second of th	

THOMAS, TALIAFERRO, FORMAN, BURR & MURRAY SIXTEENTH FLOOR BANK FOR SAVINGS BUILDING BIRMINGHAM, ALABAMA 35203

U.S. EPA - Region IV Site Notification Atlanta, GA 30308



Department of Natural Resources

ENVIRONMENTAL PROTECTION DIVISION
-270 WASHINGTON STREET, S.W.

70 WASHINGTON STREET, S.W. ATLANTA, GEORGIA 30334

JOE D. TANNER
Commissioner

J. LEONARD LEDBETTER
Division Director

TRIP REPORT
January 19, 1984

Site Name and Location: Metalplate Galvanizing, Inc., Atlanta, Georgia

Trip By: Betty Burns

Accompanied By: None

Date of Trip: December 20, 1983

Official Contacted: Charles Foster, Maintenance

Reference: Facility File/Letter of November 28, 1983

Comments:

This complaint inspection was conducted in reference to a complaint reported by Mr. Jessie Hart, a former employee of Metalplate Galvanizing, Inc. Mr. Hart's complaint indicated that the company had on numerous occasions (when the wastewater treatment system was inoperative or could not handle additional wastewater) during his employment discharged untreated process tank solutions to a surface impoundment located approximately 3 blocks below the plant. Mr. Hart further noted that the discharged solutions consisted of acid and Oakite liquids. Furthermore, he stated that these solutions were discharged directly into sump areas underneath the process tank line, then through a pipe and outside the building onto the ground and ends up the subject impoundment.

On December 20, 1983, I, accompanied by Mr. Hart, inspected the referenced surface impoundment. The surface impoundment was reached by traveling from Selig Drive going about 3/4 mile down the second set of railroad tracks located behind Metalplate Galvanizing, Inc. The impoundment is approximately one acre in size and about 4 to 6 feet deep. A large number of dead trees in and around the impoundment was observed. There were also trails of corroded clay areas above and around the impoundment. I took a waste sample consisting of liquid, clay and green silt material from the edge of the impoundment about 12 to 14 feet north of the railroad. From the surface impoundment near the second set of railroad tracks a corroded clay trail (approximately 200 feet long) was observed leading up to the first set of railroad tracks. Upon leaving the impoundment discussed above, a smaller surface impoundment was observed on the opposite side of the railroad. This impoundment contained a small number of dead bushes and water or possibly waste, however, no connection between the two impoundments was observed.

Also, on December 20, 1983, I investigated the Metalplate Galvanizing, Inc. Upon arriving at the plant, I was approached by Mr. Henry Walker, a plant employee who provided information on the improper discharging of untreated tank solutions. Mr. Walker stated that Metalplate Galvanizing, Inc. discharged solutions of untreated acid and Oakite solutions up until approximately 6 months ago to the surface impoundment noted above.

AN AFFIRMATIVE ACTION/EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

Attachment 2

Pg 20= 4

TRIP REPORT-Metalplate Galvanizing, Inc. Page 2
January 19, 1984

During my inspection of the plant, I was accompanied by Mr. Charles Foster, inventory technician. Mr. Foster denied any knowledge of the company having ever improperly discharged untreated process tank solution waste.

From observation inside the plant, no noticeable quantity of liquid was observed in the sump areas underneath the process tanks. (I note that observation in this area was difficult as I did not have on a breathing apparatus and very strong fumes were being emitted from the tanks).

Per the inspection in the back area of the plant between the wastewater treatment operations and storage tanks, there are three pipes on top of the ground which connect to a common trench area. One of these pipes carry treated effluent from the filter press, the second pipe carries the partially treated effluent collected off the top of the sludge settling tank and the third pipe carries the condensate collected from the steam heat used for operational process tanks. At the area where the subject three pipes meet, I was told that there is a fourth pipe underground in which the combined liquids are allowed to flow into and that the fourth pipe leads to a long trench (approximately 200 feet long, one foot wide and six inches deep). I observed that the subject trench parallels the left side of the plant and extends down a four foot slope (slope is located approximately 175 feet down trench). About 25 feet from the slope area, there is a brick wall containing a hole built into a clay impoundment at which the discharge drops into some type of collection unit (you could not see the collection structure, you could only hear the flow of liquid at this point). Following a diagonal line from the brick wall, approximately 25 feet across the first set of railroad tracks located behind the plant, a large pipe was inset directly underneath the subject railroad tracks in which a very small trace of liquid was observed. At this point, the liquid was not flowing, however, I did observe the beginning of the corroded trails of dirt extending down a sloping area approximately 200 feet. Also, from the subject point you can also see the corroded trail enter the surface impoundment area as had been noted by the complainant, Mr. Hart.

Conclusions:

- 1. The Metalplate Galvanizing, Inc. treats a listed hazardous waste K062. The waste, K062 is listed for corrosive and toxic status and the metal contents, hexavalent chrome and lead. Accordingly, the company is classified as a hazardous waste generator and treatment facility. To date, even though the company is in the process of delisting the sludge generated from the treatment process, they have not properly notified as a generator or a TSD. Furthermore, the subject sludge is presently being disposed of at an unpermitted hazardous waste facility (Browning-Ferris Industries, Inc., Atlanta, Georgia). The disposal of the waste at BFI should be discontinued until final approval has been made on the hazardous status by delisting petition. Consequently, the Metalplate Calvanizing, Inc. violates Georgia's Hazardous Waste Rules as noted below:
 - a. Hazardous Waste Notification requirements, 391-3-11-.04

TRIP REPORT-Metalplate Galvanizing, Inc. Page 3
January 19, 1984

- b. Generator Standards under 391-3-11-08. [40 CFR 262.11-262.43]
- c. TSD requirements 391-3-11-.10 and .11 [40 CFR 264, 265, 266, 122]
- 2. The plant discharges treated effluent, partially treated effluent and condensate on top of the ground and consequently ends up in a nearby surface impoundment as was noted by the complainant, Mr. Hart. The facility does not have any type of point source discharge permit. Therefore the above noted activity constitutes improper disposal of liquid waste (possibly some hazardous waste characteristic contaminants are involved) and violates 40 CFR 262.12(c). Plant official stated that the facility's wastewater treatment system is designed to recycle the generated effluent and condensate. Possibly if system could be operated to totally recycle the liquid, the system may be determined as a "totally enclosed system" as defined under 40 CFR part 260.10.
- 3. Relative to the subject complaint involving the discharge or dumping of untreated process tanks solution of acid and oakite, this was not observed during the December 20, 1983 inspection. However, we do have verbal confirmation of the afore stated activity being used as a previous disposal method per statements from a present and former plant employee. Possibly, upon determining the hazardous status of the surface impoundment waste, the subject dumping activity may be documented. Sample waste analysis results on sample taken from the impoundment will be provided by the Georgia EPD laboratory.
- 4. Referencing the delisting package, the current response (November 28, 1983) in the file indicates that additional information is required on their sludge detoxification procedure and organic content.

Recommendations and Follow-Up Required:

Notify the company of violations cited above by NOV letter.

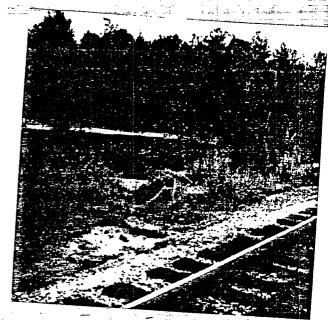
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Reviewed By:

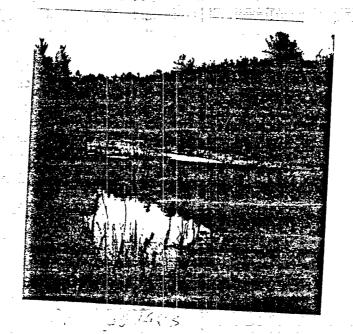
File - Metalplate Galvanizing, Inc. - (R)

Attachment 2 Pa 4054





Old Silt pond Located approximately 1/2 m. le South of Metalplate Centranizing, Inc., 500 Selig Drine South West atlanta, Georgia.



ENVIRONMENTAL PROTECTION DIVISION Attachment 2A 270 WASHINGTON STREET, S.W ATLANTA, GA. 30334 Pa (of)

Metalplate Galvanizing

LABORATORY REPORT

DATE Jan. 19, 1984

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Form Approved UMB No. 158-S79

GSA No. 0246-EPA-OT

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IX. DESCRIPTION OF HA					
A. HAZARDOUS WASTES FR	OM NON-SPECIFIC	C SOURCES. Enter the fr	Our-digit number from 4	40 CFR Part 261,31 fc	or each listed hazardous
wasta from non-specific sou	arces your installation	in handles. Ose additional	sheets if necessary.		
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K 0 6 2					
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\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	- • -	 	10	11	12
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B. HAZARDOUS WASTES FR specific industrial sources yo	OM SPECIFIC SOUR our installation handle	ICES. Enter the four-dies. Use additional sheets	git number from 40 CFR if necessary.	Part 261.32 for each	listed hazardous waste f
13	14	18	16	17	18
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C. COMMERCIAL CHEMICAL stance your installation hand	PRODUCT HAZAR dles which may be a f	IDOUS WASTES. Enter nazardous weste. Use ack	the four—digit number for ditional sheets if necessar	rom 40 CFR Part 261. ry.	33 for each chemical su
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attached documents, and I believe that the submit	that based on my	inquiry of those ind	lividuals immediately	responsible for our that there are sign	taining the injorma vificant penalties for
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ENVIRONMENTAL PROTECTION DIVISION.

LAND PROTECTION BRANCH

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JOE D. TANNER
Commissioner

J. LEONARD LEDBETTER
Division Director

ENVIRONMENTAL PROTECTION DIVISION
270 WASHINGTON STREET, S W

ATLANTA, GEORGIA 30334

February 16, 1984

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Ernest Cain Executive Vice President Metalplate Galvanizing Inc. 500 Selig Drive, S.W. Atlanta, Georgia 30336 RE: Compliance Status
Metalplate Galvanizing Inc.

Dear Mr. Cain:

Reference the inspection of Metalplate Galvanizing Inc. by Frances Hallahan, Renee Hudson and Betty Burns of the Industrial and Hazardous Waste Management Program to determine your company's compliance status with Georgia's Rules for Hazardous Waste Management, Chapter 391-3-11. As Georgia's Rules adopt and incorporate by reference the Federal Regulations found in Section 40 CFR, the following violations are called to your attention:

- 391-3-11-.04 "Notification of Hazardous Waste Activities" because the facility is a hazardous waste generator and a hazardous waste storage, treatment, or disposal facility and failed to file notification as required;
- 391-3-11-.05 "Financial Responsibility" because the facility is a storage, treatment, or disposal facility and has not satisfied 40 CFR 264, Subpart H Financial Requirements;
- 391-3-11-.08 "Standards Applicable to Generators of Hazardous Waste" because facility is in violation of 40 CFR 262 including, but not limited to, manifest violations and allowing waste to be disposed in a facility not permitted to treat, store or dispose of hazardous waste;
- 391-3-11-.10 "Standards for Owners and Operators of Hazardous Waste Treatment,
 Storage and Disposal Facilities" because facility has not complied
 with 40 CFR 264;
- 391-3-11-.11 "Hazardous Waste Facility Permits" because the facility is operating a treatment, storage or disposal facility without applying for or receiving a hazardous waste facility permit.

Therefore, the company must cease disposal of sludge derived from treatment of the listed K062 waste at the BFI site immediately, and commence efforts to arrange disposal at a facility permitted to dispose of hazardous waste. Please note that under 40 CFR 262.34 a generator can store a hazardous waste on site for up to 90 days without a permit, pending removal to an approved treatment, storage or disposal facili:

Attachment 4 PG 20= Z

Mr. Ernest Cain Page 2 February 16, 1984

Please be advised that this office is in the process of assimilating your violations into a formal Consent Order, and we will be contacting you in the near future in regards to negotiating the consent agreement.

In the meantime, we acknowledge that the company is in the process of delisting the sludge generated from the treatment process. However, in a preliminary conference with our chemist, Ms. Shirley Maxwell, it was concluded that the two additional sludges which result from treatment of the caustic bath and the zinc ammonium chloride bath, at one and 1/2 year intervals, are additional variables in your waste stream. Note items, 6, 10 and 17 of the November 15, 1983 delisting requirements enclosed. These wastes must be separated and sampled separately, and the analyses submitted to this office either now or when the waste is generated. Because of the lengthy process involved in delisting, you might wish to pursue delisting of this waste without furthedelay.

Please find attached a copy of Georgia's Rules for Hazardous Waste Management and should you have any questions in the interim, please call at (404) 656-7802.

Sincerely,

Program Manager

Industrial & Hazardous Waste

Management Program

JT: fhw: 023

Enclosures: (2)

cc: James Scarbrough, USEPA

File - Metalplate Galvanizing Inc. - (R)

Attachment 5 PG 10F9



JOE D. TANNER
Commissioner

Department of Natural Resources

ENVIRONMENTAL PROTECTION DIVISION
270 WASHINGTON STREET, S W
ATLANTA, GEORGIA 30334

TRIP REPORT February 24, 1984

J. LEONARD LEDBETTER
Division Director

Site Name and Location: Metalplate Galvanizing, Inc., 500 Selig Drive, S.W., Atlanta, Georgia 30336

Trip By: Frances Hallahan, E.S.III

Accompanied By: Betty Burns, E.S.II, Renee Hudson, E.S.III

Date of Trip: February 7, 1984, 1:00 p.m., Clear-mild

Officials Contacted: Ernest Cain, Owner
Charles Foster, Maintenance

Reference: Trip Report by Betty Burns, January 19, 1984

Comments:

At the time of the inspection we met with Mr. Ernest Cain and Mr. Charles Foster. It was previously determined that Metalplate Galvanizing treats a listed hazardous waste, K062 and that the company had not to date properly notified as a generator or as a TSD. We informed Mr. Cain of this failure and gave him a notifier's application, which he completed and returned to us at the conclusion of our visit.

Although Metalplate Galvanizing is in the process of delisting the hazardous sludge K062 generated from their treatment process the delisting has not been confirmed, and the company continues to dispose of this waste at an unpermitted hazardous waste facility, Browning Ferris Industries, Inc., Atlanta, Georgia. We verbally informed Mr. Cain that he is thereby in violation of Georgia's Rules for Hazardous Waste Management, Chapter 391-3-11.

Following our notification of the above problems, we requested a flow diagram of Metalplate's process, which Mr. Cain supplied to us (attached). Following an explanation of their water treatment system, we toured the plant, accompanied by Mr. Charles Foster.

The process consists of dipping raw steel parts into:

- 1. a caustic bath
- 2. an oil bath
- 3. a sulfuric acid bath
- 4. a second sulfuric acid bath
- 5. an acid rinse tank
- 6. a flux tank of zinc ammonium chloride (Dupont ZaCLON)

The sulfuric acid baths, and rinse tanks are drained every one to two weeks into two 12,000 gallon spent acid tanks. Overflow from these tanks is also pumped into the spent acid tanks. There is a lime storage tank of approximately 60,000 gallon capacity. The spent acid is neutralized according to the water treatment system explanation (attachment, Page 4) supplied to us by Mr. Cain.

AN AFFIRMATIVE ACTION/EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

TRIP REPORT-Metalplate Galvanizing, Inc. Page 2
February 24, 1984

The flux tanks and caustic tanks are dumped at approximately every one to 1 1/2 year intervals. Mr. Cain asserted that these are neutralized accordingly and fed into the water treatment system as per attachment page 4. Sludges are also generated in the treatment of the waste caustic and waste zinc ammonium chloride. We advised Mr. Cain that these sludges were not described in his delisting petition, and that these may also have to be analyzed in his delisting proceedings. When the zinc ammonium chloride is treated some zinc is removed from this process and sold for reclamation of the zinc.

At the time of this inspection the treated effluent was being recycled back into a water storage tank, and from there is used to fill up the lime slurry tanks, pickling tanks, pickling rinse tank and stripper tank. There have been previous complaints of direct discharge of effluent to a surface impoundment approximately 1/2 mile below the plant. We toured this area with Mr. Foster and there was no evidence of current discharge of effluent to this impoundment, although both Mr. Cain and Mr. Foster admitted that until the mid-to-late 1970's there was direct discharge of untreated effluent to this impoundment.

Conclusions:

Facility is not in compliance with Federal Regulations, Section 40 CFR as adopted by reference into Georgia's Rules for Hazardous Waste Management, Chapter 391-3-11.:

- "Notification of Hazardous Waste Activities" because the facility is a hazardous waste generator and a hazardous waste storage, treatment or disposal facility, and failed to file notification as required;
- 391-3-11-.05 "Financial Responsibility" because the facility is a storage, treatment or disposal facility and has not satisfied 40 CFR 264, Subpart H Financial Requirements;
- "Standards Applicable to Generators of Hazardous Waste" because facility is in violation of 40 CFR 262 including, but not limited to, manifest violations and allowing waste to be disposed in a facility not permitted to treat, store or dispose of hazardous waste;
- 391-3-11-.10 "Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities" because facility has not complied with 40 CFR 264;
- "Hazardous Waste Facility Permits" because the facility is operating a treatment, storage or disposal facility without applying for or receiving a hazardous waste facility permit.

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Recommendations and Follow-Up Required: Send NOV letter and Consent Order. Attachment 5 P4 30F9

TRIP REPORT-Metalplate Galvanizing, Inc.

Page 3

February 24, 1984

Attachments: 1 page water treatment system

l page water treatment diagram

Photographs: 4 Polaroid prints (2 pages)

Reviewed By: 2M, 2-27-84

FH:rw:060

File - Metalplate Galvanizing, Inc. - (R)

AHackment 5 P4 4.0F9

TRIP REPORT-Metalplate Galvanizing Inc. Attachments - Page 1 February 24, 1984

Subject: Metalplate Galvanizing Inc.

500 Selig Drive, S.W.

Atlanta, Georgia 30336, Fulton County

Photographer: Betty Burns, EPD

Weather: Clear

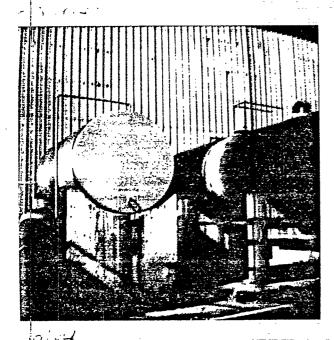


Photo 1 of 4
Raw Materials Tanks
Acid (L) - Sulfuric Acid
Caustic (R) -

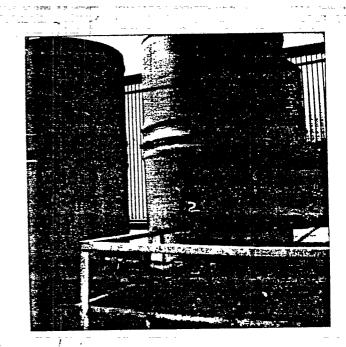


Photo 2 of 4
Spent Acid Tanks
Tanks #1 and #2

· Attachment 5 · PG 5 OF 9.

TRIP REPORT-Metalplate Galvanizing Inc. Attachments - Page 2 February 24, 1984

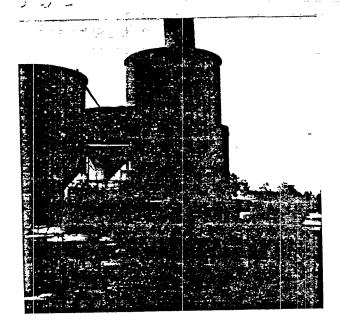
Subject: Metalplate Glavanizing Inc.

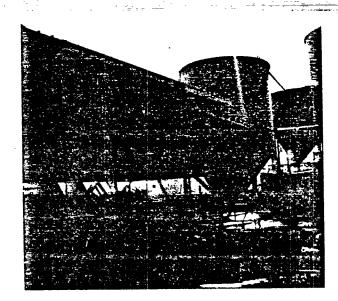
500 Selig Drive, S.W.

Atlanta, Georgia 30336, Fulton County

Photographer: Betty Burns, EPD

Weather: Clear





(1) Des -

Photo 3 of 4 Cone Setting Tanks Photo 4 of 4
Filter Press and
Cone Setting Tanks

WATER TREATMENT SYSTEM #2 Soent acid tonk Ce Escited in field insit

Cottact of Atlackment 5, Pa 7059.

Metalplate Galvanizing, Inc.

WATER TREATMENT SYSTEM

Spent Acid

When our pickling solution reaches its limits in zinc and iron, we pump it into a 12,000 gallon holding tank. We have two of these 12,000 gallon holding tanks.

Lime

We have a lime storage tank, which holds approximately 60,000# of lime (Allied Chemical Pebble Quicklime).

Water Treatment System

Step #1. Mix water and lime together in the lime slurry tank to make a thick paste.

Step #2. Drain spent acid from spent acid storage tank and lime from lime slurry tank into the neutralizing tank, using agitation. The P.H. in the neutralizing is adjusted to a P.H. between 9 and 11.

Step #3. When the P.H. is adjusted in the neutralizing tank, pump the sollution up the cone tank. At the cone tank the sludge settles to the bottom. The clean water on top of cone tank overflow's into a second tank and then is pumped over to a holding tank.

Step #4. The sludge is pumped off the bottom of the cone tank into the filter press. In this operation, the clean water goes into a holding tank and the mud is made into a cake. When the filter press gets full, it is opened and the mud cake is dumped into a B.F.I. container. When the container is full, B.F.I. hauls it to the landfill and returns the empty container.

Step #5. The water in holding tank is pumped up to a water storage tank. The water in the storage tank is used to fill up lime slurry tank, pickling tanks, flux tank, pickling rinse tank, and stripper tank.

NOTE: All tanks in the Water Abatement System have drains going to neutralizing tank. Steam trap water lines drain into neutraling tank.

Changes being made to system

- 1. A second cone tank is being added to the system. Completion date: February 2, 1984
- 2. A P.H. meter hooked to the neutralizing tank operating a valve on the lime slurry tank to adjust the P.H. automatically. Completion date: February 6, 1984
- 3. Two pumps in neutralizing tank pumping up to the cone tank. Completion date: February 11, 1984

CNF/dc

77 34

Attachment 5

P4 80F9

CHEMISTS AND CHEMICAL ENGINEERS

717 EDGEHILL AVENUE. N.W.-ATLANTA, GEORGIA 30318-2401

873-4

January 20, 1984

Metalplate Galvanizing 500 Selig Drive, S.W. Atlanta, Georgia 30336

Attention: Charles Foster

Re: One (1) Water Sample

P.O. No. : A-2057

Lab. No.: 49268

CERTIFICATE OF ANALYSIS

	-	•	49268
ph Total Zin Total Iro			7.40 0.18 1.31

Respectfully submitted, Dunn Laboratorics, Inc.

Greg Jones, Chemist

GJ/ vak

APPROVED:

TIM G. DUNN; P.E.

CHEMISTS AND CHEMICAL ENGINEERS E, N.W.-ATILANTA, GEORGIA 30318-2401

January 16, 1984

Metalplate Galvanizing 500 Selig Drive, S.W. Atlanta, Georgia 30336

Charles Foster Attention:

> Water Sample Re:

P.O. No.: A-2057

Lab. No. : 49249

CERTIFICATE OF ANALYSIS

0.24 Total Iron, ppm 0.16 Total Zinc, ppm

Respectfully submitted, Dunn Laboratories, Inc.

JUZUANE M. FILER

Suzanne M. Giek, Assistant Laboratory Manager

SMG/vak

APPROVED:

TIM G. DUNN, P.E.

Attachment B





Department of Natural Resources

JOE D. TANNER
Commissioner

ENVIRONMENTAL PROTECTION DIVISION

270 WASHINGTON STREET S W

ATLANTA GEORGIA 30334

J. LEONARD LEDBETTER
Division Director

May 3, 1984

Mr. Ernest Cain Metalplate Galvanizing, Inc. 500 Selig Drive, S.W. Atlanta, Georgia 30336

Re: Metalplate Galvanizing, Inc.
Permit Status
EPA ID # GAD048709372

Dear Mr. Cain:

In response to petitions submitted on behalf of Metalplate Galvanizing, Inc., by J. Ross Forman on March 2 and March 5, 1984, we have made the following determinations:

- 1. After careful review of the Regulations regarding a closed system in 40 CFR 264.1(g)(5) and 260.10, which define a "Totally Enclosed Treatment Facility", and based upon EPA's Regulatory Clarification statement of March 23, 1983, which discusses Totally Enclosed Treatment Facilities, we conclude that the system at Metalplate Galvanizing, Inc., does not meet the definition of a Totally Enclosed Treatment Facility, and cannot be exempted from regulation under that definition.
- 2. According to a careful reading of 40 CFR 261.4(a)(1) and (2) "Exclusions", the wastewater does not technically meet these exclusions because it does not (1) pass through a sewer system to a publicly owned treatment works for treatment, nor is it (2) an industrial wastewater discharge subject to regulation under Section 402 of the Clean Water Act, as amended. Note that 261.4(a)(2) specifically states, "... this exclusion applies only to the actual point source discharge. It does not exclude industrial wastewaters while they are being collected, stored, or treated before discharge, nor does it exclude sludges that are generated by industrial wastewater treatment."

What the regulations fail to address is a situation such as yours where the wastewater is treated in tanks and then returned to the original process, rather than discharged to a sewer system, or to surface water under regulation of an NPDES permit. After careful consideration of 40 CFR 261.6, "Hazardous Waste which is used, re-used, recycled or reclaimed", we believe that the regulations may be interpreted either favorably or unfavorably in regard to the Metalplate situation. However, with full consideration of your claim that a return of this effluent to the process, rather than to surface waters or to a sewer, is indeed the most environmentally desirable procedure, we have concluded that the process meets the exemption under 40 CFR 261.6 and a permit for treatment of this waste will not be necessary.

Attachment 6 PG 20F.Z.

Mr. Ernest Cain Metalplate Galvanizing, Inc. May 3, 1984 Page 2

With respect to other matters addressed in our meeting of February 28, 1984, we acknowledge receipt of the March 5 and March 13 letters from your consultant, Mr. Carl Fingers Lynes, whereby he submitted all test results which we requested to complete your delisting petition. We are currently reviewing these data, and will provide you with our decision regarding delisting under separate cover.

I also acknowledge Mr. Foreman's letter to Ms. Patricia Barmeyer, Assistant Attorney General, wherein revisions in language of the proposed Consent Order are requested. Inasmuch as I believe we have resolved the major issues proposed in the Order to the mutual satisfaction of both parties, a revised Order will not be issued at this time.

Please be advised that should there be a change in operations at Metalplate Galvanizing which would cause your facility to qualify as a treatment, storage, or disposal facility, the company would then become subject to appropriate regulation under Georgia's Hazardous Waste Rules, Chapter 391-3-11.

Also, please be advised that we do plan to investigate the surface impoundment located approximately 1/2 mile south of your facility. Should significant levels of hazardous materials be found in that impoundment, these decisions regarding your current operations will in no way relieve you of responsibility for former disposal activities.

Should you have further questions, please feel free to call our office at 404/656-2833.

Sincerely,

J. Leonard Ledbetter Director

JLL:fhg:3284B

cc: Harold F. Reheis

Honorable Patricia Barmeyer File: Metalplate Galvanizing (R)



Attachment 7

Department of Natural Resources

Commissioner

J LEONARD LEDBETTER

ENVIRONMENTAL PROTECTION DIVISION 270 WASHINGTON STREET, S.W. ATLANTA GEORGIA 30334

Mr. Ernest M. Cain Metalplate Galvanizing, Inc. 500 Selig Drive, S.W. Atlanta, Georgia 30336

> Delisting Petition for Metalplate Galvanizing, GAD048709372 Waste #K062

Dear Mr. Cain:

The Environmental Protection Division has examined your petition and 6 supplementary information reports. You have demonstrated to the satisfaction of the Division that the sludge generated from treatment of your pickle liquor does not contain leachable toxic metals in sufficient quantities to be of environmental concern.

In accordance with Section 391-3-11-.07(c) of the Georgia Rules for Hazardous Waste Management, and, based upon the petition and 6 supplementary reports dated August 23, 1982, January 26, 1983, October 12, 1983, March 5, 1984, May 9, 1984, and a description of your treatment process, and, upon signed certified statements that the information is true and accurate, we are today granting to Metalplate Galvanizing Inc., Atlanta facility, a conditional exclusion from regulation for the #K062 treatment sludge.

This exclusion is contingent upon the following:

- 1) Maintenance of the treated sludge at pH 9 or higher as it exits the neutralizing tank.
- 2) Each batch shall be tested using a calibrated pH meter and adjustments shall be made with lime.
- 3) No other wastes shall be added to the KO62 treatment tank or to the resultant sludge. If such additions are planned the Division shall be notified and a new delisting petition submitted on the combined waste.
- 4) There shall be no change in the plant processes contributing to the KO62 waste. If such change is contemplated the Division shall be notified prior to implementation.

AN AFFIRMATIVE ACTION/EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

· Attachment & Pa 2002

Page Two (2)
Cain - Metalplate Galvanizing, Inc.
May 16, 1984

- 5) Semiannually, Metalplate Galvanizing shall obtain a representative sample of the sludge exiting the filter press and perform an Extraction Procedure for total Chromium, lead, Cadmium and Silver, and also pH. Test methods and sampling procedures shall be in accordance with EPA Manual SW 846. Results shall be reported to the Division within 15 days of receipt from the laboratory.
- 6) The Division shall, at its discretion, observe the sampling and obtain split samples.
- 7) The treated sludge shall be disposed of only at a sanitary landfill permitted by the State of Georgia.

This regulatory exclusion is based upon standards published in Section 391-3-11-.07 of the Georgia Rules for Hazardous Waste Management. Any revision of the standards presently in effect which may adversely affect the petition shall be cause for its review.

Today's action in no way relieves Metalplate Galvanizing of its responsibility to comply with all other applicable provisions of the Georgia Rules for Hazardous Waste Management, Chapter 391-3-11.

Sincerely,

J. Leonard Ledbetter

Commissioner

JLL:smh:1047M

cc: Harold Reheis

James H. Scarbrough

File: Metalplate Galvanizing (R)



Afternment & Par FILE COPY

Bepartment of Natural Resources

ENVIRONMENTAL PROTECTION DIVISION

270 WASHINGTON STREET, S.W. ATLANTA, GEORGIA 30334

July 13, 1984

JOE D. TANNER
Commissioner

J. LEONARD LEDBETTER
Division Director

Mr. Ernest Cain Metalplate Galvanizing, Inc. 500 Selig Drive, S.W. Atlanta, Georgia 30336

RE: Metalplate Galvanizing, Inc.
Delisting Petition, Waste #K062
GAD048709372

Dear Mr. Cain:

We hereby notify you that according to the Federal Register of June 5, 1984, Volume 49, Number 109, (copy enclosed), lime stabilized waste pickle liquor sludge generated from the iron and steel industry has been exempted from the presumption of hazardousness presently contained in the regulations.

Accordingly, your delisting petition for the K062 sludge, and our conditional exclusion granted on May 16, 1984, including our conditional requirements stipulated in that letter, have therefore become moot by this final ruling.

Please be advised that spent pickle liquor mixed with other hazardous waste remains a hazardous waste under 40 CFR 261.3(a)(2)(iii) and (iv). Should the character of this waste change as a result of addition of other hazardous waste streams, or of process modifications or raw material changes, it is your responsibility to re-analyze the waste for proper classification as hazardous or non-hazardous.

Under Georgia's Rules for Solid Waste Management, we shall continue to require that the treated sludge shall be disposed of only at a sanitary landfill permitted by the State of Georgia.

The delisting of the K062 sludge in no way relieves Metalplate Galvanizing of its responsibility to comply with all other applicable provisions of the Georgia Rules for Hazardous Waste Management, Chapter 391-3-11.

Sincerely,

John D. Taylor, Jr.

Program Manager

Industrial & Hazardous Waste

Management Program

JDT: fhw: 036

Enclosure: (1)

cc: James Scarbrough, USEPA

John D. Taylor

Frances Hallahan

Paul F. Lynes

File - Metalplate Galvanizing - (R)

Attachment 9 PUIOF, PRELIMINARY ASSESSMENT TELEPHONE CONVERSATION RECORD - Metal plate Stelliunging Corp Impoundment of Site Name: Metalolate Galvanizing Corp = I.D. # ZiAD048709312-Location Address: 500 Selig Dr Sw Atlanta 30336 Phone: (44) 691 - 2600. Contact: Mr Ernest Cam Title: Vice Pies Address: Same Phone: ()691 _ C600 Authority: Section 3012 of CERCLA, Comprehensive Environmental Response, Compensation and Liability Act. Facility has notified EPA via -RCRA 3001 site is in HWDMS CERCLA 103c site is in NOTIS Need Information concerning waste generation and disposal prior to Nov. 19, 1980 How long has facility been in operation? Since 1966 What kind of wastes were generated and how much? Formerty a KOGZ spent pickle legar which has been delested. Was it disposed on site and where? Not on site. Mr. Cain stated it has not been put unto in poundment 50 of the property Was it transported offsite and where? Mr. Cain statis that nowaster have been dumped was it treated and how? The picke liquor is treated on site- are been newfraligation Wiste is prisently delist Have there been any past spills? Describe. NO Date of call: 1-8-85

PM Allred

Attachment 10

P4 10F1

PRELIMINARY ASSESSMENT TELEPHONE CONVERSATION RECORD

Metalplate Galvaniger Corp surpoundment 10 4 net get Site Name: Mitalplati Galv. Corp 6,0048709372 I.D.# Location Address: 500 Soly Dr Sw Atlanta Phone: (Contact: france Hallahan Address: GR EPD Phone: ()62 - 7802. Authority: Section 3012 of CERCLA, Comprehensive Environmental Response, Compensation and Liability Act. Facility has notified EPA via - RCRA 3001 site is in HWDMS CERCLA 103c site is in NOTIS Need Information concerning waste generation and disposal prior to Nov. 19, 1980. How long has facility been in operation? What kind of wastes were generated and how much? Was it disposed on site and where? Was it transported offsite and where? Was it treated and how? Have there been any past spills? Describe. untreated Date of call: 1-14-84 France stated that this is has discharged / wasters winto Impoundment, but the week in now delisted an metalelle in classed is a non houdler of Hogueste. Shebrows of the ofther spills or disposal sites on

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File this form in the read at Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System: Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.							
	NTIFICATION						
metalplate Galvanizing Corp	B. STREET	10 Se	lig D	nive E			
Atlanta	D. STATE	ja		3033			
	VE DISPOSITION	·			·		
Indicate the recommended action(s) and agency(ies) that should	be involved by ma	rking 'X'	n the appr				
RECOMMENDATION	- 1	MARK'X'	EPA	STATE	LOCAL .	PRIVATE	
A. NO ACTION NEEDED NO HAZARD							
B. INVESTIGATIVE ACTION(S) NEEDED (II yes, complete Section III.)	X		X			
C. REMEDIAL ACTION NEEDED (II yes, complete Section IV.)		/ \					
ENFORCEMENT ACTION NEEDED (if yes, specify in Part E wheth D. be primarily managed by the EPA or the State and what type of enfor is anticipated.)	er the case will cement action						
E. RATIONALE FOR DISPOSITION					A 1		
This site is contiguous to Corp. impoundment. Docum alles improper handling	new so	te 7	netal	plate	halvan	17119	
Corp. impoundment. Docum	pessibly.	l m	PA - 1	pacn	age.	•	
alleges improper trandling	of thatac	dous	SWI	Tanc	<i>.</i>		
F. INDICATE THE ESTIMATED DATE OF FINAL DISPOSITION (mo., day, & yr.)	G. IF A CASE ESTIMATE (mo., day, &	D DATE OF			SARY, INDI ILL BE DEV		
H. PREPARER INFORMATION							
"Camille Bond Warren	FTS 25	7-223	_	2	127/85	r, & yr.) —	
III. INVESTIGATIV	CINAL DISCOSITIO	\			-1 1		
No NPDES permit; also, dischar	se has k	ven o	bsenre	d by	State		
chech NPDES.	÷						
B. PROPOSED INVESTIGATIVE ACTIVITY (Detailed Information)							
2. SCHEDULED 3. TO BE DATE OF PERFORMED I ACTION (EPA, Con- NEEDED ADDITIONAL INFO. (mo,day, & yr) tractor, State, e	ESTIMATED MANHOURS			5. REMARK	s .	-	
a. TYPE OF SITE INSPECTION (1) ALCOM							
(2)				-			

C. TYPE OF SAMPLING

b. TYPE OF MONITORING

PRELIMINARY ASSESSMENT COVER SHEET

METALPLATE GALVANIZING CORPORATION

GAD048709372

Metalplate Galvanizing Corporation has operated a hot-dip galvanizing facility (Attachment 4) at 500 Selig Drive SW, Atlanta, GA 30336, since 1966. They generate a K062 spent pickle liquor waste (Attachment 3) which was originally listed as a hazardous waste because of corrosivity and heavy metal content, but has since been delisted (Attachments 8 and 9). Before the waste was delisted, Metalplate had not properly notified the State EPD that they were a generator or a facility that treats, stores or disposes hazardous wastes (Attachments 1, 2, 4). They were sent a Notice of Violation and a Consent Order was drafted to bring the facility into compliance (Attachment 5). The delisting petition was subsequently approved and Metalplate Galvanizing's Status was changed to a Non-Handler of hazardous waste.

There is reason to believe that this company drscharged untreated (low pH) spent pickle liquor into a one (1) acre surface impoundment approximately 0.2 miles SE of the facility (Attachments 1 & 4), but this site is being called the Metalplate Galvanizing Corporation Impoundment and is being investigated in a separate Preliminary Assessment.

There have been no spills or wastes disposed of on the site in the past (Attachments 10 & 11) and there is no hazardous waste presently handled. There is no threat to humans or the environment posed by the Metalplate Galvanizing Corporation and it is assigned a NONE priority for Site Inspection.

PMA/mcw047

SEPA

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT

01 STATE 02 SITE NUMBER D048709372

I. IDENTIFICATION

II. SITE NAME AND LOCATION							
Q1 SITE NAME (Legal, common, or descriptive name of site)	02 STREE	ET, ROUTE NO., OR	SPECIFIC LOCATION IDENTIFIER				
Metalplate Galvanizing Corp.	500 Selig Drive SW						
03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07COUNTY 08 CONG CODE DIST			
Atlanta	GA	30336	Fulton	121 5			
C9 COORDINATES LATITUDE LONGITUDE				-			
33° 44' 41.4" 084° 32' 46.9"	1						
10 DIRECTIONS TO SITE (Starting from nearest public road) Take Bakers Ferry Road SSW from Fulton	Indust	rial Blyd	d. to Selig Drive.	Turn right			
(SW) onto Selig. Metalplate Galvanizin	a is a	on left (S	SE) side of street.				
(bu) ones being. Hesauphas			The state of the s				
		. +					
III. RESPONSIBLE PARTIES	Tan areas						
01 OWNER (If known)	1	T (Business, malling, re	•				
Metalplate Galvanizing Corporation		Selig Dri					
O3 CITY	1	05 ZIP CODE	06 TELEPHONE NUMBER				
Atlanta	GA	30336	(404 691-0600				
07 OPERATOR (If known and different from owner)	08 STREE	T (Business, mailing, re	esidential)				
		,					
OG CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER				
			()				
13 TYPE OF OWNERSHIP (Check one)		D. C. STATI	E D.COUNTY DE, MUNIC				
(Agency name)	-	1	The second of the second				
☐ F. OTHER:(Specify)		_ G. UNKN	IOWN				
1 4 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)			TO 07	0.4			
A. RCRA 3001 DATE RECEIVED;/	LED WAS	E SITE (CERCLA 103	CO DATE RECEIVED: 12/27/	YEAR C. NONE			
IV. CHARACTERIZATION OF POTENTIAL HAZARD							
0) ON SITE INSPECTION BY (Check all that apply)	A CONTRA	VOTOR E	C. STATE D. OTHER CO	NTDACTOR			
X YES DATE 2/24/84 ☐ A. EPA ☐ B. EP ☐ NO MONTH DAY YEAR ☐ E. LOCAL HEALTH OFF		∃ F. OTHER:		WINACION			
CONTRACTOR NAME(S):		7.	(Specify)				
02 SITE STATUS (Check one) 03 YEARS OF OPEI							
🔯 A. ACTIVE 🗆 B. INACTIVE 🗆 C. UNKNOWN	1966	Pres					
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED	BEGINNING Y						
Facility generates a delisted K062 sper	nt pic	kle liquo	r and is presently	considered			
a non-handler of hazardous waste.							
	-			. 75			
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION							
				i ever ne men			
	g stages	- 17 Mar - 17 - 安華 1					
None		:					
V. PRIORITY ASSESSMENT Of PRIORITY FOR INSPECTION (Check one It high or medium is checked, complete Part 2 · Waste Information and Part 3 · Description of Hazardous Conditions and Incidents)							
□ A. HIGH □ B. MEDIUM □ C. LOW (Inspection required promptly) (Inspection required) (Inspection required)		□ D. NON	· · · · · · · · · · · · · · · · · · ·	form)			
V). INFORMATION AVAILABLE FROM				25.55			
01 CONTACT 02 OF (Agency/Organ	ization)		- 03	TELEPHONE NUMBER			
Mr Ernest Cain Metalpla	te Cal	vanizing	10.	404 691-0600			
0) PERSON RESPONSIBLE FOR ASSESSMENT 05 AGENCY		ANIZATION ledial	07 TELEPHONE NUMBER 08	DATE			
Mike Allred PMA GA EPD	l l	ons Unit	(404) 656-7404	01/14/84			
EPAFORM 2070-12 (7-81)	ACCI	OHS UILL		MONTH DAY YEAR			

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SEPA

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 2 - WASTE INFORMATION

I. IDENTIFICATION 01 STATE 02 SITE NUMBER GA D048709372

II, WASTE STA	TES, QUANTITIES, AN	ID CHARACTERI	STICS				
U A. SOLID U E. SLURRY U B. POWDER, FINES U F. LIQUID C SLUBGE U G. GAS CUBIC YARDS			O3 WASTE CHARACTERISTICS (Check all that apply) A. TOXIC				
	(Specify)	NO. OF DRUMS _			·		
III. WASTE TYP	E						
CATEGORY	SUBSTANCE N	AME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMÉNTS		
SLU	SLUDGE		Unknown		Delisted K	062 Sludge	
OLW.	OILY WASTE				-		
SOL	SOLVENTS					<u> </u>	
PSD	PESTICIDES						
occ	OTHER ORGANIC CH	HEMICALS					
100	INORGANIC CHEMIC	ALS					
ACD	ACIDS						
BAS	BASES						
MES	HEAVY METALS		<u> </u>				
IV. HAZARDOL	IS SUBSTANCES (See A	ppendix for most frequent	,				Leavereupeee
01 CATEGORY	02 SUBSTANCE N	IAME .	03 CAS NUMBER	04 STORAGE/DISI	POSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
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V. FEEDSTOC	KS (See Appendix for CAS Numb	ers)	-				
CATEGORY	01 FEEDSTOO	K NAME , .	02 CAS NUMBER	CATEGORY	01 FEEDST	OCK NAME	02 CAS NUMBER
Fþs				FDS		•	
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VI. SOŲRCES	OF INFORMATION ICH	specific references, e g.	, state files, sample analysis,	reports)			
С	A EPD Files onversation w (Attachme onversation w	nt 10)	-		• •• •	late Galvani	zing

\$EPA

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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

GA D048709372

	PART 3 - DESCRIPTI	ON OF RA	AZARDOUS CONDITIONS A	MAD INCIDEN	13	
	ARDOUS CONDITIONS AND INCIDENTS					
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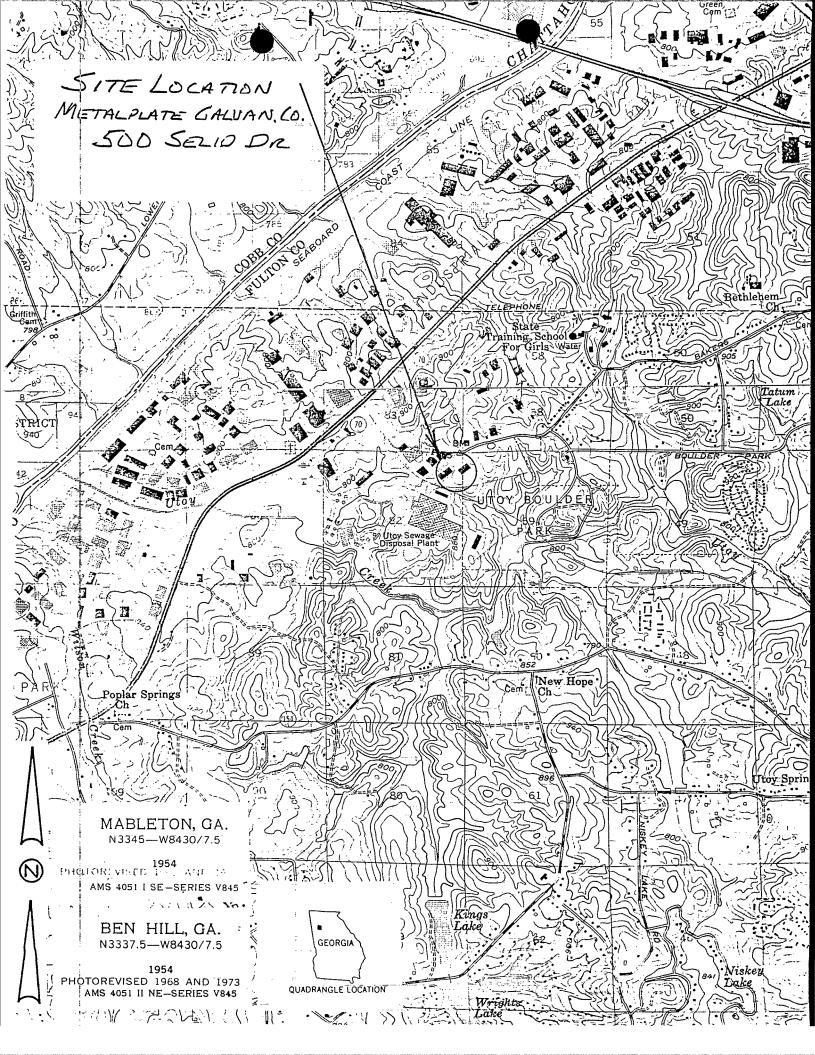
POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

I. IDENTIFICATION
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PART 3 - DESCRIPTI	ON OF HAZARDOUS CONDITIONS AND INCIDENTS	GA D048709372
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05 DESCRIPTION OF ANY OTHER KNOWN, POTENTI	AL, OR ALLEGED HAZARDS	
III. TOTAL POPULATION POTENTIALLY AFFECT	ED:	
IV. COMMENTS		
There are no known CER	CLA sites at the facility; however	there is some evidence
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V. SUUNCES OF INFORMATION (Cite specific references	s, e.g., state twos, sample analysis, reports) and is being a	ssessed in a separate P
EPD Files		
•	Ernest Cain of Metalplate Galvaniz	ing (Attachment 10)
	allahan of GA EPD (Attachment 11).	

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Attachment I



JOE D. TANNER

Department of Natural Resources

ENVIRONMENTAL PROTECTION DIVISION 270 WASHINGTON STREET, S W ATLANTA, GEORGIA 30334

J. LEONARD LEDBETTER
Division Director

TRIP REPORT
January 19, 1984

Site Name and Location: Metalplate Galvanizing, Inc., Atlanta, Georgia

Trip By: Betty Burns

Accompanied By: None

Date of Trip: December 20, 1983

Official Contacted: Charles Foster, Maintenance

Reference: Facility File/Letter of November 28, 1983

Comments:

This complaint inspection was conducted in reference to a complaint reported by Mr. Jessie Hart, a former employee of Metalplate Galvanizing, Inc. Mr. Hart's complaint indicated that the company had on numerous occasions (when the wastewater treatment system was inoperative or could not handle additional wastewater) during his employment discharged untreated process tank solutions to a surface impoundment located approximately 3 blocks below the plant. Mr. Hart further noted that the discharged solutions consisted of acid and Oakite liquids. Furthermore, he stated that these solutions were discharged directly into sump areas underneath the process tank line, then through a pipe and outside the building onto the ground and ends up the subject impoundment.

On December 20, 1983, I, accompanied by Mr. Hart, inspected the referenced surface impoundment. The surface impoundment was reached by traveling from Selig Drive going about 3/4 mile down the second set of railroad tracks located behind Metalplate Galvanizing, Inc. The impoundment is approximately one acre in size and about 4 to 6 feet deep. A large number of dead trees in and around the impoundment was observed. There were also trails of corroded clay areas above and around the impoundment. I took a waste sample consisting of liquid, clay and green silt material from the edge of the impoundment about 12 to 14 feet north of the railroad. From the surface impoundment near the second set of railroad tracks a corroded clay trail (approximately 200 feet long) was observed leading up to the first set of railroad tracks. Upon leaving the impoundment discussed above, a smaller surface impoundment was observed on the opposite side of the railroad. This impoundment contained a small number of dead bushes and water or possibly waste, however, no connection between the two impoundments was observed.

Also, on December 20, 1983, I investigated the Metalplate Galvanizing, Inc. Upon arriving at the plant, I was approached by Mr. Henry Walker, a plant employee who provided information on the improper discharging of untreated tank solutions. Mr. Walker stated that Metalplate Galvanizing, Inc. discharged solutions of untreated acid and Oakite solutions up until approximately 6 months ago to the surface impoundment noted above.

TRIP REPORT-Metalplate Galvanizing, Inc. Page 2
January 19, 1984

During my inspection of the plant, I was accompanied by Mr. Charles Foster, inventory technician. Mr. Foster denied any knowledge of the company having ever improperly discharged untreated process tank solution waste.

From observation inside the plant, no noticeable quantity of liquid was observed in the sump areas underneath the process tanks. (I note that observation in this area was difficult as I did not have on a breathing apparatus and very strong fumes were being emitted from the tanks).

Per the inspection in the back area of the plant between the wastewater treatment operations and storage tanks, there are three pipes on top of the ground which connect to a common trench area. One of these pipes carry treated effluent from the filter press, the second pipe carries the partially treated effluent collected off the top of the sludge settling tank and the third pipe carries the condensate collected from the steam heat used for operational process tanks. At the area where the subject three pipes meet, I was told that there is a fourth pipe underground in which the combined liquids are allowed to flow into and that the fourth pipe leads to a long trench (approximately 200 feet long, one foot wide and six inches deep). I observed that the subject trench parallels the left side of the plant and extends down a four foot slope (slope is located approximately 175 feet down trench). About 25 feet from the slope area, there is a brick wall containing a hole built into a clay impoundment at which the discharge drops into some type of collection unit (you could not see the collection structure, you could only hear the flow of liquid at this point). Following a diagonal line from the brick wall, approximately 25 feet across the first set of railroad tracks located behind the plant, a large pipe was inset directly underneath the subject railroad tracks in which a very small trace of liquid was observed. At this point, the liquid was not flowing, however, I did observe the beginning of the corroded trails of dirt extending down a sloping area approximately 200 feet. Also, from the subject point you can also see the corroded trail enter the surface impoundment area as had been noted by the complainant, Mr. Hart.

Conclusions:

- 1. The Metalplate Galvanizing, Inc. treats a listed hazardous waste K062. The waste, K062 is listed for corrosive and toxic status and the metal contents, hexavalent chrome and lead. Accordingly, the company is classified as a hazardous waste generator and treatment facility. To date, even though the company is in the process of delisting the sludge generated from the treatment process, they have not properly notified as a generator or a TSD. Furthermore, the subject sludge is presently being disposed of at an unpermitted hazardous waste facility (Browning-Ferris Industries, Inc., Atlanta, Georgia). The disposal of the waste at BFI should be discontinued until final approval has been made on the hazardous status by delisting petition. Consequently, the Metalplate Galvanizing, Inc. violates Georgia's Hazardous Waste Rules as noted below:
 - a. Hazardous Waste Notification requirements, 391-3-11-.04

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TRIP REPORT-Metalplate Galvanizing, Inc. Page 3
Janaury 19, 1984

- b. Generator Standards under 391-3-11-08. [40 CFR 262.11-262.43]
- c. TSD requirements 391-3-11-.10 and .11 [40 CFR 264, 265, 266, 122]
- 2. The plant discharges treated effluent, partially treated effluent and condensate on top of the ground and consequently ends up in a nearby surface impoundment as was noted by the complainant, Mr. Hart. The facility does not have any type of point source discharge permit. Therefore, the above noted activity constitutes improper disposal of liquid waste (possibly some hazardous waste characteristic contaminants are involved) and violates 40 CFR 262.12(c). Plant official stated that the facility's wastewater treatment system is designed to recycle the generated effluent and condensate. Possibly if system could be operated to totally recycle the liquid, the system may be determined as a "totally enclosed system" as defined under 40 CFR part 260.10.
- 3. Relative to the subject complaint involving the discharge or dumping of untreated process tanks solution of acid and oakite, this was not observed during the December 20, 1983 inspection. However, we do have verbal confirmation of the afore stated activity being used as a previous disposal method per statements from a present and former plant employee. Possibly, upon determining the hazardous status of the surface impoundment waste, the subject dumping activity may be documented. Sample waste analysis results on sample taken from the impoundment will be provided by the Georgia EPD laboratory.
- 4. Referencing the delisting package, the current response (November 28, 1983) in the file indicates that additional information is required on their sludge detoxification procedure and organic content.

Recommendations and Follow-Up Required:
Notify the company of violations cited above by NOV letter.

Photographs: (3)

Reviewed By:

File - Metalplate Galvanizing, Inc. - (R)

Attachment 1 40F4



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JOE D. TANNER Commissioner

LEONARD LEDBETTER

Division Director

Department of Natural Resources

ENVIRONMENTAL PROTECTION DIVISION 270 WASHINGTON STREET, S.W. ATLANTA, GEORGIA 30334

February 16, 1984

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Mr. Ernest Cain Executive Vice President Metalplate Galvanizing Inc. 500 Selig Drive, S.W. Atlanta, Georgia 30336

LE COPY RE: Compliance Status Metalplate Galvanizing Inc.

Dear Mr. Cain:

Reference the inspection of Metalplate Galvanizing Inc. by Frances Hallahan, Renee Hudson and Betty Burns of the Industrial and Hazardous Waste Management Program to determine your company's compliance status with Georgia's Rules for Hazardous Waste Management, Chapter 391-3-11. As Georgia's Rules adopt and incorporate by reference the Federal Regulations found in Section 40 CFR, the following violations are called to your attention:

- 391-3-11-.04 "Notification of Hazardous Waste Activities" because the facility is a hazardous waste generator and a hazardous waste storage, treatment, or disposal facility and failed to file notification as required;
- 391-3-11-.05 "Financial Responsibility" because the facility is a storage, treatment, or disposal facility and has not satisfied 40 CFR 264, Subpart H - Financial Requirements;
- 391-3-11-.08 "Standards Applicable to Generators of Hazardous Waste" because facility is in violation of 40 CFR 262 including, but not limited to, manifest violations and allowing waste to be disposed in a facility not permitted to treat, store or dispose of hazardous waste;
- 391-3-11-.10 "Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities" because facility has not complied with 40 CFR 264;
- 391-3-11-.11 "Hazardous Waste Facility Permits" because the facility is operating a treatment, storage or disposal facility without applying for or receiving a hazardous waste facility permit.

Therefore, the company must cease disposal of sludge derived from treatment of the listed KO62 waste at the BFI site immediately, and commence efforts to arrange disposal at a facility permitted to dispose of hazardous waste. Please note that under 40 CFR 262.34 a generator can store a hazardous waste on site for up to 90 days without a permit, pending removal to an approved treatment, storage or disposal facility

AN AFFIRMATIVE ACTION/EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

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Mr. Ernest Cain Page 2 February 16, 1984

Please be advised that this office is in the process of assimilating your violations into a formal Consent Order, and we will be contacting you in the near future in regards to negotiating the consent agreement.

In the meantime, we acknowledge that the company is in the process of delisting the sludge generated from the treatment process. However, in a preliminary conference with our chemist, Ms. Shirley Maxwell, it was concluded that the two additional sludges which result from treatment of the caustic bath and the zinc ammonium chloride bath, at one and 1/2 year intervals, are additional variables in your waste stream. Note items, 6, 10 and 17 of the November 15, 1983 delisting requirements enclosed. These wastes must be separated and sampled separately, and the analyses submitted to this office either now or when the waste is generated. Because of the lengthy process involved in delisting, you might wish to pursue delisting of this waste without further delay.

Please find attached a copy of Georgia's Rules for Hazardous Waste Management and should you have any questions in the interim, please call at (404) 656-7802.

Sincerely,

John Taylor Program Manager

Industrial & Hazardous Waste
Management Program

JT: fhw: 023

Enclosures: (2)

cc: James Scarbrough, USEPA

File - Metalplate Galvanizing Inc. - (R)

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EPA Form 8700-12 (6-80) REVERSE

ENVIRONMENTAL PROTECTION BRANCH





JOE D. TANNER

Commissioner

Division Director

Department of Natural Resources

ENVIRONMENTAL PROTECTION DIVISION
270 WASHINGTON STREET, S W
ATLANTA, GEORGIA 30334

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J. LEONARD LEDBETTER

TRIP REPORT
February 24, 1984

Site Name and Location: Metalplate Galvanizing, Inc., 500 Selig Drive, S.W.,

Atlanta, Georgia 30336

Trip By: Frances Hallahan, E.S.III

Accompanied By: Betty Burns, E.S.II, Renee Hudson, E.S.III

Date of Trip: February 7, 1984, 1:00 p.m., Clear-mild

Officials Contacted: Ernest Cain, Owner

Charles Foster, Maintenance

Reference: Trip Report by Betty Burns, January 19, 1984

Comments:

At the time of the inspection we met with Mr. Ernest Cain and Mr. Charles Foster. It was previously determined that Metalplate Galvanizing treats a listed hazardous waste, K062 and that the company had not to date properly notified as a generator or as a TSD. We informed Mr. Cain of this failure, and gave him a notifier's application, which he completed and returned to us at the conclusion of our visit.

Although Metalplate Galvanizing is in the process of delisting the hazardous sludge K062 generated from their treatment process the delisting has not been confirmed, and the company continues to dispose of this waste at an unpermitted hazardous waste facility, Browning Ferris Industries, Inc., Atlanta, Georgia. We verbally informed Mr. Cain that he is thereby in violation of Georgia's Rules for Hazardous Waste Management, Chapter 391-3-11.

Following our notification of the above problems, we requested a flow diagram of Metalplate's process, which Mr. Cain supplied to us (attached). Following an explanation of their water treatment system, we toured the plant, accompanied by Mr. Charles Foster.

The process consists of dipping raw steel parts into:

- 1. a caustic bath
- 2. an oil bath
- 3. a sulfuric acid bath
- 4. a second sulfuric acid bath
- 5. an acid rinse tank
- 6. a flux tank of zinc ammonium chloride (Dupont ZaCLON)

The sulfuric acid baths, and rinse tanks are drained every one to two weeks into two 12,000 gallon spent acid tanks. Overflow from these tanks is also pumped into the spent acid tanks. There is a lime storage tank of approximately 60,000 gallon capacity. The spent acid is neutralized according to the water treatment system explanation (attachment, Page 4) supplied to us by Mr. Cain.

TRIP REPORT-Metalplate Galvanizing, Inc. Page 2
February 24, 1984

The flux tanks and caustic tanks are dumped at approximately every one to 1 1/2 year intervals. Mr. Cain asserted that these are neutralized accordingly and fed into the water treatment system as per attachment page 4. Sludges are also generated in the treatment of the waste caustic and waste zinc ammonium chloride. We advised Mr. Cain that these sludges were not described in his delisting petition, and that these may also have to be analyzed in his delisting proceedings. When the zinc ammonium chloride is treated some zinc is removed from this process and sold for reclamation of the zinc.

At the time of this inspection the treated effluent was being recycled back into a water storage tank, and from there is used to fill up the lime slurry tanks, pickling tanks, pickling rinse tank and stripper tank. There have been previous complaints of direct discharge of effluent to a surface impoundment approximately 1/2 mile below the plant. We toured this area with Mr. Foster and there was no evidence of current discharge of effluent to this impoundment, although both Mr. Cain and Mr. Foster admitted that until the mid-to-late 1970's there was direct discharge of untreated effluent to this impoundment.

Conclusions:

Facility is not in compliance with Federal Regulations, Section 40 CFR as adopted by reference into Georgia's Rules for Hazardous Waste Management, Chapter 391-3-11.:

- 391-3-11-.04 "Notification of Hazardous Waste Activities" because the facility is a hazardous waste generator and a hazardous waste storage, treatment or disposal facility, and failed to file notification as required;
- 391-3-11-.05 "Financial Responsibility" because the facility is a storage, treatment or disposal facility and has not satisfied 40 CFR 264, Subpart H Financial Requirements;
- "Standards Applicable to Generators of Hazardous Waste" because facility is in violation of 40 CFR 262 including, but not limited to, manifest violations and allowing waste to be disposed in a facility not permitted to treat, store or dispose of hazardous waste;
- 391-3-11-.10 "Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities" because facility has not complied with 40 CFR 264;
- 391-3-11-.11 "Hazardous Waste Facility Permits" because the facility is operating a treatment, storage or disposal facility without applying for or receiving a hazardous waste facility permit.

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Recommendations and Follow-Up Required: Send NOV letter and Consent Order. Attachment 4

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TRIP REPORT-Metalplate Galvanizing, Inc. Page 3
February 24, 1984

Attachments: 1 page water treatment system

1 page water treatment diagram

Photographs: 4 Polaroid prints (2 pages)

Reviewed By: SM, 2-27-84

FH:rw:060

File - Metalplate Galvanizing, Inc. - (R)

TRIP REPORT-Metalplate Galvanizing Inc.

Attachments - Page 1 February 24, 1984

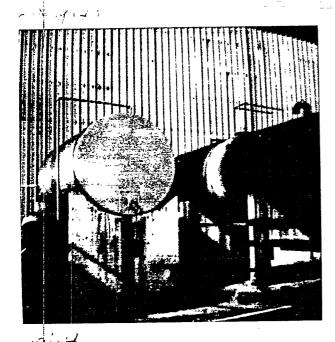
Subject: Metalplate Galvanizing Inc.

500 Selig Drive, S.W.

Atlanta, Georgia 30336, Fulton County

Photographer: Betty Burns, EPD

Weather: Clear



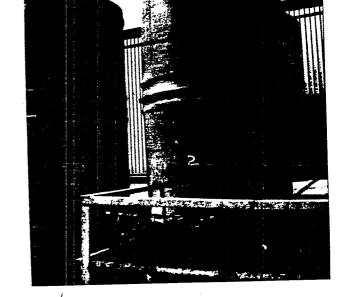


Photo 1 of 4
Raw Materials Tanks
Acid (L) - Sulfuric Acid

Caustic (R) -

Photo 2 of 4
Spent Acid Tanks
Tanks #1 and #2

TRIP REPORT-Metalplate Galvanizing Inc. Attachments - Page 2 February 24, 1984

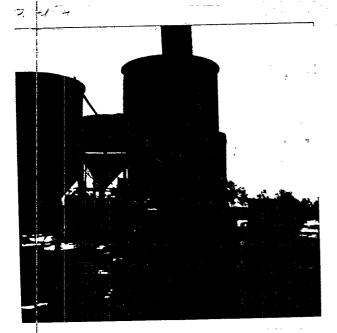
Subject: Metalplate Glavanizing Inc.

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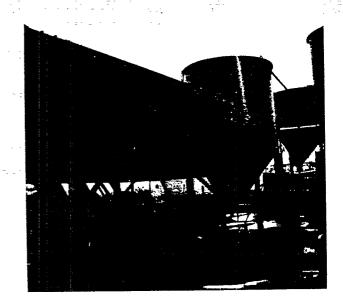


Photo 3 of 4 Cone Setting Tanks

Photo 4 of 4 Filter Press and Cone Setting Tanks Baciment. 6 OF9 Attachment Soent acid 60 Cox 10cd in field:

ataches Attachment 4 - 7000

Metalplate Galvanizing, Inc.

WATER TREATMENT SYSTEM

Spent Acid

When our pickling solution reaches its limits in zinc and iron, we pump it into a 12,000 gallon holding tank. We have two of these 12,000 gallon holding tanks.

Lime

We have a lime storage tank, which holds approximately 60,000# of lime (Allied Chemical Pebble Quicklime).

Water Treatment System

Step #1. Mix water and lime together in the lime slurry tank to make a thick paste.

Step #2. Drain spent acid from spent acid storage tank and lime from lime slurry tank into the neutralizing tank, using agitation. The P.H. in the neutralizing is adjusted to a P.H. between 9 and 11.

Step #3. When the P.H. is adjusted in the neutralizing tank, pump the sollution up the cone tank. At the cone tank the sludge settles to the bottom. The clean water on top of cone tank overflow's into a second tank and then is pumped over to a holding tank.

A TANGET OF THE STREET OF THE

Step #4. The sludge is pumped off the bottom of the cone tank into the filter press. In this operation, the clean water goes into a holding tank and the mud is made into a cake. When the filter press gets full, it is opened and the mud cake is dumped into a B.F.I. container. When the container is full, B.F.I. hauls it to the landfill and returns the empty container.

Step #5. The water in holding tank is pumped up to a water storage tank. The water in the storage tank is used to fill up lime slurry tank, pickling tanks, flux tank, pickling rinse tank, and stripper tank.

NOTE: All tanks in the Water Abatement System have drains going to neutralizing tank. Steam trap water lines drain into neutraling tank.

- Changes being made to system

- 1. A second cone tank is being added to the system. Completion date: February 2, 1984
- 2. A P.H. meter hooked to the neutralizing tank operating a valve on the lime slurry tank to adjust the P.H. automatically. Completion date: February 6, 1984
- 3. Two pumps in neutralizing tank pumping up to the cone tank. Completion date: February 11, 1984

CNF/dc 1 420/84

CHEMISTS AND CHEMICAL ENGINEERS 717 EDGEHILL AVENUE, N.W.-ATLANTA, GEORGIA 30318-2401

Metalplate Galvanizing 500 Selig Drive, S.W. Atlanta, Georgia 30336

Attention: Charles Foster

One (1) Water Sample

P.O. No. : A-2057

49268 Lab. No. :

CERTIFICATE OF ANALYSIS

	•		~			
,					-	7.40
ph	10	ē	, .	•		0.18
Total Zinc,	mg/L					1.31
Total Iron,	mg/L					

Respectfully submitted, Dunn Laboratories, Inc.

Greg Jones, Chemist

GJ/ vak

TIM G. DUNN; P.E

CHEMISTS AND CHEMICAL ENGINEERS 717 EDGEHILL AVENUE, N.W.-ATLANTA, GEORGIA 30318-2401

9049

January 16, 1984

Metalplate Galvanizing 500 Selig Drive, S.W. Atlanta, Georgia 30336

Attention: Charles Foster

Re: Water Sample P.O. No.: A-2057

Lab. No.: 49249

CERTIFICATE OF ANALYSIS

Total Iron, ppm Total Zinc, ppm

Respectfully submitted, -Dunn Laboratories, Inc.

Juganne M. Fleet

Suzanne M. Giek, Assistant Laboratory Manager

SMG/vak

APPROVED:

TIM G. DUNN, P.E.



JOF D. TANNER Commissioner

J. LEONARD LEDBETTER

Division Director

Mr. Ernest Cain

Executive Vice President

500 Selig Drive, S.W. Atlanta, Georgia 30336

Metalplate Galvanizing, Inc.

Bepartment of Natural Resources

ENVIRONMENTAL PROTECTION DIVISION 270 WASHINGTON STREET SW ATLANTA, GEORGIA 30334

March 5, 1984

FILE COPY

Re: Metalplate Galvanizing, Inc. Atlanta, Georgia

Dear Mr. Cain:

Enclosed is a copy of a proposed Consent Order between the Division and Metalplate Galvanizing, Inc., concerning a compliance schedule for rectifying violations cited under Chapter 391-3-11 of the Georgia Rules for Hazardous Waste Management. The content of this Order is based on agreements reached during our meeting with you and your representatives on February 29, 1984.

For your convenience I have also enclosed a Hazardous Waste Facility Permit Application - Part A, Instructions for Completing the Application, Parts A and B, and a guide to Wording of Financial Responsibility Instruments. Please be advised that you are also responsible for completing Form 103C, CERCLA notifier's application for facilities which have previously discharged to a surface impoundment. This application can be obtained by contacting:

Mr. Al Smith, Emergency Response Branch, Region IV, EPA, 345 Courtland Street, N.E., Atlanta, Georgia 30365 (404) 881-4096

I am aware that you and the personnel of Metalplate Galvanizing, Inc. are attempting to work in an effective and cooperative manner with this Division to meet the various requirements of Georgia's laws. The enclosed Order is based on this continued cooperation and effective action.

Please review this Order and obtain the signature of the official representing Metalplate Galvanizing, Inc., and then return the Order to me. I will then finalize this Order and provide a copy to you for your files.

Sincerely.

rinar akara dan memberi kali pejan galapat kabana angan propisi

JLL:fhg:00840 Enclosures (4)

cc: Hon. Patricia Barmeyer

Harold F. Reheis Frances M. Hallahan

File: Metalplate Galvanizing, Inc. (R)

ENVIRONMENTAL PROTECTION DIVISION DEPARTMENT OF NATURAL RESOURCES STATE OF GEORGIA

IN RE: METALPLATE GALVANIZING, INC.

500 SELIG DRIVE, S.W.

ATLANTA, GEORGIA 30336

RESPONDENT

Order No. EPD-HW-

CONSENT ORDER

WHEREAS, the Metalplate Galvanizing, Inc., (hereinafter the "Respondent") located on 500 Selig Drive, S.W., in Atlanta, Georgia, presently generates and treats a hazardous waste (spent pickle liquor from steel finishing operations, EPA Hazardous Waste Identification Number, K062) which is subject to regulation under Chapter 391-3-11 of the Georgia Rules for Hazardous Waste Management (hereinafter called "Rules"); and

WHEREAS, the Respondent presently allows the sludge generated from treatment of the spent pickle liquor, K062, to be disposed in a facility not permitted to treat, store or dispose of hazardous waste; and

WHEREAS, the Respondent did not properly notify the Director of the Environmental Protection Division, Department of Natural Resources, State of Georgia (hereinafter "EPD") by November 19, 1980, of its hazardous waste generation and treatment activities as required by the Rules; and

WHEREAS, the Respondent was inspected by duly appointed representatives of EPD on December 20, 1983, and February 7, 1984, to determine the compliance status of the Respondent's hazardous waste generation and treatment facilities with the requirements of Chapter 391-3-11 of the Rules; and

WHEREAS, the Respondent did satisfactorily submit notification of hazardous waste activity to the EPD inspection team during their inspection of February 7, 1984, this notification being duly noted by EPD, and an identification number having been assigned to the facility; and

WHEREAS, the inspections by EPD representatives on December 20, 1983, and February 7, 1984, indicated violations of the following Rules:

- 1. Chapter 391-3-11-.04 "Notification of Hazardous Waste Activities" because the Respondent did not notify the State nor Federal Environmental Protection Agency of its generation and treatment of the listed waste K062;
- 2. Chapter 391-3-11-.05 "Financial Responsibility" because the Respondent is a storage, treatment or disposal facility and has not satisfied 40 CFR 265, Subpart H Financial Requirements according to the following deadlines in the Rules:
 - (a) Proof of financial assurance for closure as required by July 6, 1982,
 - (b) Proof of liability coverage for sudden accidental occurrences required by July 15, 1982;
- 3. Chapter 391-3-11-.08 "Standards Applicable to Generators of Hazardous Waste" because the Respondent failed to meet the following requirements:
 - (a) 40 CFR 262.11 "Hazardous Waste Determination" whereby a generator must determine if his wastes are hazardous,

- (b) 40 CFR 262, Subparts B, C and D, 'Manifest, Pretreatment and Recordkeeping and Reporting Requirement', whereby a generator must manifest waste to a permitted disposal facility, package the waste in accordance with applicable Department of Transportation regulations, and prepare specified records and annual reports;
- 4. Chapter 391-3-11-.10 "Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities", because the Respondent is a treatment, storage or disposal facility and is not operating in accordance with the Interim Status standards:

40 CFR 265, Subpart B - "General Facility Standards",

40 CFR 265, Subpart C - "Preparedness and Prevention",

40 CFR 265, Subpart D - "Contingency Plan and Emergency

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Procedures", and

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40 CFR 265, Subpart G - "Closure" Requirements:

5. Chapter 391-3-11-.11 "Hazardous Waste Facility Permits", because the Respondent is operating a treatment, storage or disposal facility without applying for or receiving a hazardous waste facility permit or variance; and

WHEREAS, the Respondent was advised by letter from EPD personnel on August 31, 1981, that their pickling sludge is classified as a hazardous waste (K062) in Subpart D of Part 261, paragraph (1), Section .07 of Georgia's Rules for Hazardous Waste Management, and that under Section .07, paragraph 5 of the Rules, the Director has established required procedures for delisting; and

WHEREAS, the Respondent submitted to the EPD a petition for delisting this waste on April 29, 1982, said petition being recorded as received by EPD on May 10, 1982; and

WHEREAS, the Respondent submitted requested amendments with additional information on September 1, 1982, and January 26, 1983; and

WHEREAS, on September 7, 1983, and November 28, 1983, the EPD notified the Respondent that additional information is required before their delisting petition will be complete, to wit:

- 1. Provide an analysis for total constituents contained in the waste for chromium, cadmium, lead and silver,
- 2. Describe any precleaning of parts,
- 3. List any solvents, paints or hydraulic fluids present in the waste,
- 4. List any other process contributing to this waste,
- 5. Provide an analysis for oil and grease
- 6. Provide an analysis for total organic carbon
- 7. Test the pickling sludge for pH using a pH meter on a one to one solution with water; and

WHEREAS, the Respondent has not to date supplied the additional data requested in the EPD letters of September 7, 1983, and November 28, 1983; and

WHEREAS, in a laboratory analysis of the pickling sludge by MacMillan Research, Ltd., performed on March 31, 1981, cyanides were found at a level of 14 ppm; and

WHEREAS, during the above referenced inspection of the Respondent's facility on February 7, 1984, by EPD personnel it was noted that two additional sludges which result from treatment of the caustic bath and zinc ammonium chloride bath, at one and one-half year intervals, are additional variables in the waste stream which were not described in the Respondent's original delisting petition; and

WHEREAS, Respondent's treatment of the spent pickle liquor will remain a regulated activity, in the event that the sludge generated by this process is delisted; and

WHEREAS, an amicable disposition of these allegations concerning the factual circumstances reflected in this Consent Order is considered to be in the best interest of the citizens of the State of Georgia.

NOW, THEREFORE, before the taking of any testimony and without adjudicating the merits of the parties' positions in this matter, the parties hereby resolve the issues in this case by agreement and upon the Order of the Director and the Consent of the Respondent, as follows:

- 1. The Respondent must demonstrate financial assurance for closure and provide liability for sudden accidental occurrences, pursuant to the requirements of Section 391-3-11-.05 of the Rules by May 31, 1984.
- 2. The Respondent must submit an accurate Part A hazardous waste application to this office by April 1, 1984, and submit a complete Part B application within 180 days of the effective date of this Order.
- 3. The Respondent shall comply with 40 CFR 262.11, Hazardous Waste Determination, and supply a listing of all variables in the waste stream by April 1, 1984.
- 4. The Respondent may continue operating the existing hazardous waste facility without a permit contingent upon compliance with the terms of this Consent Order and the following:
 - (a) Compliance with applicable portions of Section 391-3-11-.10(1), Part 265, Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal facilities.



- (b) The continued operation of these facilities may not present undue present or potential threat to the environment or health of humans.
- 5. The Respondent shall submit to the EPD the following test data by March 13, 1984:
 - (a) A representative sample of the K062 sludge for total constituents contained in the waste for chromium, cadmium, lead and silver,
 - (b) A description of any pre-cleaning activities, including the use of any oils, solvents, or other organics,
 - (c) An analysis for Oil and Grease (greater or less than 1%) in the waste stream (KO62) before treatment,
 - (d) A total organic carbon test on four representative samples,
 - (e) An accurate testing for pH of the sludge using a pH meter on a one to one solution with water,
 - (f) A test on four representative samples for Total Cyanide. If no cyanide is present and these results are less than 10 parts per million this test is sufficient. If these results are greater than 10 parts per million, the Respondent must perform tests for Cyanide amenable to chlorination to determine which portions are free and bound.
- 6. The additional variables in the waste stream which are generated by treatment of the spent caustic bath and spent zinc ammonium chloride bath must be considered hazardous until such time as they may be delisted. As such, they must be separated and not discharged into the main waste stream until such time as they may be delisted.
- 7. In the event that the sludge derived from treatment of the spent pickle liquor is not delisted by EPD within fourteen (14) days of submission of data required by 5. above, this sludge shall be handled in accordance with the storage, manifest, shipping, disposal and recordkeeping requirements as defined in Chapter 391-3-11 of the Rules for Hazardous Waste Management.
- 8. The Consent Order shall not constitute a finding or adjudication of a violation of any State law by the Respondent nor does said Respondent through his agreement to this Consent Order admit any violations of State law or any liability to any third party or parties.
- 9. The sole purpose of this Consent Order is to resolve and dispose of all allegations and contentions concerning the factual circumstances referred to in this Order.

	Upon	e s	keuction	n, th	is	Order	is	immediate	ly effe	ctive	and	final	and	shall
not	be a	app	ealable	, adm	nini	strati		or judio						
wai	ves a	iny	rights	to a	he.	aring	with	respect	to the	conte	nts	of this	Orc	ler or
any	port	ion	therec	f.										

any p	ortion thereof.		
I	t is so Ordered a	and Agreed to the	is day of,
1984.			
		To the second se	 The second of the /li>
Notar	y Public		J. Leonard Ledbetter
		er e	Environmental Protection Division
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		and the second of the second o	Metalplate Galvanizing, Inc. (Atlanta)
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		9 - 1 - 14 - 1-	Date:



JOE D. TANNER
Commissioner

Bepartment of Natural Resources

ENVIRONMENTAL PROTECTION DIVISION

270 WASHINGTON STREET, S W ATLANTA, GEORGIA 30334

J. LEONARD LEDBETTER
Division Director

April 11, 1984

MEMORANDUM

TO.

Howard Barefoot

FROM:

Shirley Maxwell

SUBJECT:

Metalplate Galvanizing

Delisting of K062 waste, 2 reports 3/5/84, 3/13/84

Comments:

3/5/84, Supplement IV

This report is a response to our request for additional information (letter of 11/28/83).

- 1) Both the oil and grease, and the TOC are below 1% and are acceptable.
- 2) The cyanide looks good but this is part of a delisting, and it should be accompanied by supporting information:
 - a) date it was taken
 - b) date it ws tested
 - c) how was it handled, preserved, iced etc.
 - d) did they run a spike? What was the precent recovery?

The cyanide test was run becasue there was an old file report that it was used. This must be explained fully.

Was the cyanide result a fluke? We can
Do they no longer use it? accept 1 test
(How long ago did they use it?)

Is it used, but as part of the precleaning operation, and would be part of the Carry-over? We would need 4 tests to cover variability.

They supplied safety-data sheets. I reviewed these and discussed my concerns with the supplier's chemist, Mr. Wayne Chandler of Specialty Chemicals, Inc. who stated the following on 4/9/84:

Page Two (2) Memo to Howard Barefoot Metalplate Galvanizing April 11, 1984

SC-508A Paint stripper

Does not contain organic or chlorinated solvents.

It is a mixture of Ethylene glycol, phenylether and water. (not listed) It does not contain phenols.

SC-499 contains the above ingredients in a much stronger stronger concentration. It also does not contain organic or chlorinated solvents or phenols.

SC-18 Deruster

Does not contain chromate or dichromate. It is a mixture of sodium hydroxide and sodium carbonate.

Summary

These materials are therefore not of environmental concern. Based on the above I recommend that we clear up the cyanide problem and proceed to delist the K062 waste.

3/13/84

This report is an attempt to deregulate 2 other wastes, a stripper bath and a flux tank. Since these were determined not to be a part of the K062 operation they are subject only to the characteristics. The results are acceptable. My concerns are the following:

- 1) Is this a representative sample? Was it taken correctly? Preserved?
 - 2) Is one sample sufficient for these wastes?
 - 3) pH would have to be controlled. What is it?
 - 4) There should be some statement as to exactly what goes into these baths.
 - 5) Do the constituents ever vary so that an EP might fail in in the future?

Attach ment &

3003

Page Three (3)
Memo - Metalplate Galvanizing
April 11, 1984

Under no circumstances should the company be permitted to add these wastes to the treatment tank for the K062. This changes the nature of the listed waste, and they would have to refest and resubmit a delisting package. If all wastes should eventually be delisted I recommend a segregated burial for the K062.

SM:djb:bm22

cc: John Taylor Frances Hallahan

File: Metalplate Galvanizing (R)





JOE D. TANNER
Commissioner

Bepartment of Natural Resources

ENVIRONMENTAL PROTECTION DIVISION

270 WASHINGTON STREET. S W ATLANTA, GEORGIA 30334

J. LEONARD LEDBETTER
Division Director

May 3, 1984

Mr. Ernest Cain
Metalplate Galvanizing, Inc.
500 Selig Drive, S.W.
Atlanta, Georgia 30336

Re: Metalplate Galvanizing, Inc.
Permit Status
EPA ID # GAD048709372

Dear Mr. Cain:

In response to petitions submitted on behalf of Metalplate Galvanizing, Inc., by J. Ross Forman on March 2 and March 5, 1984, we have made the following determinations:

- 1. After careful review of the Regulations regarding a closed system in 40 CFR 264.1(g)(5) and 260.10, which define a "Totally Enclosed Treatment Facility", and based upon EPA's Regulatory Clarification statement of March 23, 1983, which discusses Totally Enclosed Treatment Facilities, we conclude that the system at Metalplate Galvanizing, Inc., does not meet the definition of a Totally Enclosed Treatment Facility, and cannot be exempted from regulation under that definition.
- 2. According to a careful reading of 40 CFR 261.4(a)(1) and (2) "Exclusions", the wastewater does not technically meet these exclusions because it does not (1) pass through a sewer system to a publicly owned treatment works for treatment, nor is it (2) an industrial wastewater discharge subject to regulation under Section 402 of the Clean Water Act, as amended. Note that 261.4(a)(2) specifically states, "... this exclusion applies only to the actual point source discharge. It does not exclude industrial wastewaters while they are being collected, stored, or treated before discharge, nor does it exclude sludges that are generated by industrial wastewater treatment."

What the regulations fail to address is a situation such as yours where the wastewater is treated in tanks and then returned to the original process, rather than discharged to a sewer system, or to surface water under regulation of an NPDES permit. After careful consideration of 40 CFR 261.6, "Hazardous Waste which is used, re-used, recycled or reclaimed", we believe that the regulations may be interpreted either favorably or unfavorably in regard to the Metalplate situation. However, with full consideration of your claim that a return of this effluent to the process, rather than to surface waters or to a sewer, is indeed the most environmentally desirable procedure, we have concluded that the process meets the exemption under 40 CFR 261.6 and a permit for treatment of this waste will not be necessary.

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Attachment 7

Mr. Ernest Cain Metalplate Galvanizing, Inc. May 3, 1984 Page 2

With respect to other matters addressed in our meeting of February 28, 1984, we acknowledge receipt of the March 5 and March 13 letters from your consultant, Mr. Carl Fingers Lynes, whereby he submitted all test results which we requested to complete your delisting petition. We are currently reviewing these data, and will provide you with our decision regarding delisting under separate cover.

I also acknowledge Mr. Foreman's letter to Ms. Patricia Barmeyer, Assistant Attorney General, wherein revisions in language of the proposed Consent Order are requested. Inasmuch as I believe we have resolved the major issues proposed in the Order to the mutual satisfaction of both parties, a revised Order will not be issued at this time.

Please be advised that should there be a change in operations at Metalplate Galvanizing which would cause your facility to qualify as a treatment, storage, or disposal facility, the company would then become subject to appropriate regulation under Georgia's Hazardous Waste Rules, Chapter 391-3-11.

Also, please be advised that we do plan to investigate the surface impoundment located approximately 1/2 mile south of your facility. Should significant levels of hazardous materials be found in that impoundment, these decisions regarding your current operations will in no way relieve you of responsibility for former disposal activities.

Should you have further questions, please feel free to call our office at 404/656-2833.

J. Leonard Ledbetter

JLL:fhg:3284B

cc: Harold F. Reheis

Honorable Patricia Barmeyer

File: Metalplate Galvanizing (R)



Ittachment 8

Department of Natural Resources

ENVIRONMENTAL PROTECTION DIVISION
270 WASHINGTON STREET, S W
ATLANTA, GEORGIA 30334

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ALL IN THE PROPERTY OF THE STREET AND ASSOCIATED AS A COMMENT OF THE PROPERTY
Commissioner

J. LEONARD LEDBETTER

May 16, 1984

Mr. Ernest M. Cain Metalplate Galvanizing, Inc. 500 Selig Drive, S.W. Atlanta, Georgia 30336

RE: Delisting Petition for Metalplate Galvanizing, GAD048709372
Waste #K062

Dear Mr. Cain:

The Environmental Protection Division has examined your petition and 6 supplementary information reports. You have demonstrated to the satisfaction of the Division that the sludge generated from treatment of your pickle liquor does not contain leachable toxic metals in sufficient quantities to be of environmental concern.

In accordance with Section 391-3-11-.07(c) of the Georgia Rules for Hazardous Waste Management, and, based upon the petition and 6 supplementary reports dated August 23, 1982, January 26, 1983, October 12, 1983, March 5, 1984, May 9, 1984, and a description of your treatment process, and, upon signed certified statements that the information is true and accurate, we are today granting to Metalplate Galvanizing Inc., Atlanta facility, a conditional exclusion from regulation for the #K062 treatment sludge.

This exclusion is contingent upon the following:

- 1) Maintenance of the treated sludge at pH 9 or higher as it exits the neutralizing tank.
- Each batch shall be tested using a calibrated pH meter and adjustments shall be made with lime.
- 3) No other wastes shall be added to the K062 treatment tank or to the resultant sludge. If such additions are planned the Division shall be notified and a new delisting petition submitted on the combined waste.
- 4) There shall be no change in the plant processes contributing to the K062 waste. If such change is contemplated the Division shall be notified prior to implementation.

AN AFFIRMATIVE ACTION/EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

Page Two (2) Cain - Metalplate Galvanizing, Inc. May 16, 1984

- 5) Semiannually, Metalplate Galvanizing shall obtain a representative sample of the sludge exiting the filter press and perform an Extraction Procedure for total Chromium, lead, Cadmium and Silver, and also pH. Test methods and sampling procedures shall be in accordance with EPA Manual SW 846. Results shall be reported to the Division within 15 days of receipt from the laboratory.
- 6) The Division shall, at its discretion, observe the sampling and obtain split samples.
- 7) The treated sludge shall be disposed of only at a sanitary landfill permitted by the State of Georgia.

This regulatory exclusion is based upon standards published in Section 391-3-11-.07 of the Georgia Rules for Hazardous Waste Management. Any revision of the standards presently in effect which may adversely affect the petition shall be cause for its review.

Today's action in no way relieves Metalplate Galvanizing of its responsibility to comply with all other applicable provisions of the Georgia Rules for Hazardous Waste Management, Chapter 391-3-11.

Sincerely,

J. Leonard Ledbetter

Barrier Communication (Communication Communication Communi

Commissioner

JLL:smh:1047M

cc: Harold Reheis

James H. Scarbrough

File: Metalplate Galvanizing (R)

Attachment 9





JOE D. TANNER
Commissioner

ENVIRONMENTAL PROTECTION DIVISION 270 WASHINGTON STREET, S.W.

ATLANTA, GEORGIA 30334

July 13, 1984

J. LEONARD LEDBETTER
Division Director

Mr. Ernest Cain Metalplate Galvanizing, Inc. 500 Selig Drive, S.W. Atlanta, Georgia 30336

> RE: Metalplate Galvanizing, Inc. Delisting Petition, Waste #K062 GAD048709372

Dear Mr. Cain:

We hereby notify you that according to the Federal Register of June 5, 1984, Volume 49, Number 109, (copy enclosed), lime stabilized waste pickle liquor sludge generated from the iron and steel industry has been exempted from the presumption of hazardousness presently contained in the regulations.

Accordingly, your delisting petition for the K062 sludge, and our conditional exclusion granted on May 16, 1984, including our conditional requirements stipulated in that letter, have therefore become moot by this final ruling.

Please be advised that spent pickle liquor mixed with other hazardous waste remains a hazardous waste under 40 CFR 261.3(a)(2)(iii) and (iv). Should the character of this waste change as a result of addition of other hazardous waste streams, or of process modifications or raw material changes, it is your responsibility to re-analyze the waste for proper classification as hazardous or non-hazardous.

Under Georgia's Rules for Solid Waste Management, we shall continue to require that the treated sludge shall be disposed of only at a sanitary landfill permitted by the State of Georgia.

The delisting of the KO62 sludge in no way relieves Metalplate Galvanizing of its responsibility to comply with all other applicable provisions of the Georgia Rules for Hazardous Waste Management, Chapter 391-3-11.

Sincerely.

John D. Taylor

Program Manager

Industrial & Hazardous Waste
Management Program

JDT: fhw: 036

Enclosure: (1)

cc: James Scarbrough, USEPA

John D. Taylor

Frances Hallahan

Paul F. Lynes

File - Metalplate Galvanizing - (R)

Attackment 10

PUIOF/

PRELIMINARY ASSESSMENT TELEPHONE CONVERSATION RECORD TELEPHONE CONVERSATION RECORD
TELEPHONE CONVERSATION RECORD
Mutal plate Solicenzing Corp Impoundment of
Site Name: Milalplate Galvanizing Corp (I.D. # ZIAD048709312-
Location Address: 500 Selig Dr Sw Atlanta 30336
Phone: (44)691 - 2600.
Contact: Mr Ernest Cain Title: Vice Pies
Address: Jame
Phone: ()691 - 1.600.
Authority: Section 3012 of CERCLA, Comprehensive Environmental Response, Compensation and Liability Act.
Sactor and literature was a same and the sam
Facility has notified EPA via - RCRA 3001 site is in HWDMS
CERCLA 103c site is in NOTIS
Need Information concerning waste generation and disposal prior to Nov. 19, 1980.
How long has facility been in operation? Since 1966
What kind of wastes were generated and how much?
Firmerty a KOGZ spent pickle ligar which has been
delisted.
Was it disposed on site and where?
Not on site. Mr. Cain stated it has not been put unto
Was it transported offsite and where?
Mr. Cain staties that nowester have been dumped
Was it treated and how?
The sichle liquor is treated on site- are buse neuthroligary
Wiste is presently whitek. Have there been any past spills? Describe.
No.
Date of call: /- 8-8-5 Time:

P.M. flered

Affachment _11 PG 1 OF 1

TELEPHONE CONVERSATION RECORD Metalplate Galvaniging Corp Surpoundment - 10 # ne t get Site Name: Mitelplati Halv. Corp GADO48709372 I.D.# Location Address: 500 Joly Dr Jw Atlanta Phone: (Contact: France Hallahan Address: GR EPD Phone: (___)63 - 7802. Section 3012 of CERCLA, Comprehensive Environmental Response, Compensation and Liability Act. Facility has notified EPA via - RCRA 3001 site is in HWDMS CERCLA 103c site is in NOTIS Need Information concerning waste generation and disposal prior to Nov. 19, 1980. How long has facility been in operation? What kind of wastes were generated and how much? The second secon Was it disposed on site and where? Was it transported offsite and where? Was it treated and how? Have there been any past spills? Describe. untreated Time: Figures 5/2+ch / but this co has discharged (want is into moundment, but the waste in riord delisted an unter place in classed us a non houtler of Hosunte Shebrows of the ofther spills or disposal sites The superity isself, only the impoundment to the Si CRAIG-LYNES CHEMICAL MANAGEMENT, INC.

PAUL FINGER LYNES

PRESIDENT

108 LIPSCOMB DRIVE NASHVILLE, TN 37204 615-383-8490

CRAIG-LYNES CHEMICAL MANAGEMENT, INC.

404 EAST BRAME AVENUE WEST POINT, MS 39773 601-494-1902 1108 LIPSCOMB DRIVE NASHVILLE, TN 37204 615-383-8490

Hetal Plate & Galeanisms

Metal Plate & Galeanisms

Metal Plate & Galeanisms

ATLANTAL GA 372

GAD 048709372

October 27, 1989

Mr. Jeff Carton NUS Corp. 1927 Lakeside Pkwy, Suite 614 Tucker, GA 30084

RE: Metalplate Galvanizing, Inc.

Selig Pond

Dear Mr. Carton:

Enclosed please find a copy of the 103C Notification for Selig Pond and all available analytical data including soil and water analyses. The sketch you requested is on the notification form.

If you have any additional questions, please feel free to contact me at 615-383-8490.

Respectfully submitted,

Paul Finger Lynes

President

cc: Ernest M. Cain, Metalplate Galvanizing, Inc.

Enclosures



Notification THazardous Waste Sit-

United States **Environmental Protection** Agency Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

									·	* :		
Α	Person Required to Notify: Enter the name and address of the	e nerson	Name	Ernest l	M. Cain							
	or organization required to notify.	, po, co	Street	500 Sel:	ig Dr.,	SW						
			City	Atlanta			State	GA	Zip Code	30336		
B	Site Location:		-		70. 7							
	Enter the common name (if known	n) and	Name o	of Site Selig	Pond							
	actual location of the site.	ocation of the site.		Selig	Drive							
			Street	_		Fulton		GA		30336		
			City A	tlanta	County	, Fullon	State	, UA	Zip Code	70770		
C	Person to Contact:		Name (act First and Title	Coin	Francet	M	Vice	Propid	ont		
	Enter the name, title (if applicable)), and		Name (Last, First and Title) Cain, Ernest M., Vice President								
	busines's telephone number of the to contact regarding information	person	Phone	404-691-	0600							
	submitted on this form.			,								
	10 10 10 10 10 10 10 10 10 10 10 10 10 1							 				
D	Dates of Waste Handling:		~		=	* * * * * * * * * * * * * * * * * * *						
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	treatment, storage, or disposal beg	gan and	From (Y	_(ear) 1966	To (Year	1974		. pr		77 - The Table State of the Sta		
	ended at the site.				-							
	1											
	Waste Type: Choose the option		ofor to	aomploto								
E	waste Type: Choose the option	n you pro	eiei io	complete								
	Option I: Select general waste typ you do not know the general wast encouraged to describe the site in	e types or	source	es, you are	Resource		n and	Recovery		niliar with the) Section 3001		
	• -	Source o			Specific	Type of Was	rtor					
	General Type of Waste: Place an X in the appropriate	X in th	e: e appropriate				it numbe	er to each h	azardous wast			
	boxes. The categories listed boxes.				listed in	the regulation	กร นกด้	er Section	on 3001 of I	RCRA, Enter th		
	overlap. Check each applicable				approprii	ate tour-digit of hazardous	numbe wastes	er in the and cod	poxes provi es can be o	ded. A copy of		
	category.				contactir	ng the EPA R	egion s	erving th	ne State in	which the site		
	1 Chromins	1. 🗆 Mi	nina		located.	-						
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	Form Approved OMB No. 2000-0138			· · · · · · · · · · · · · · · · · · ·	1.							

٠ ,	Notification of Hazardous Waste Site	Side Two	not
F	Waste Quantity: Place an X in the appropriate boxes to indicate the facility types found at the site. In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons. In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.	Facility Type 1. Piles 2. Land Treatment 3. Landfill 4. Tanks 5. Impoundment 6. Underground Injection 7. Drums, Above Ground 8. Drums, Below Ground	Total Facility Waste Amount cubic feet gallons 960,000 Gallons Total Facility Area square feet acres 1
		9. Other (Specify)	
G	Nown, Suspected or Likely Releases Place an X in the appropriate boxes to indicate or likely releases of wastes to the environm	ate any known, suspected,	X Known □ Suspected □ Likely □ None
	Note: Items Hand I are optional. Completing hazardous waste sites. Although completing	ng these items will assist EPA and State and the items is not required, you are encour	l local governments in locating and assessing aged to do so.
Н	Sketch Map of Site Location: (Option Sketch a map showing streets, highways, routes or other prominent landmarks near the sile. Place an X on the map to indicate the sile location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.	Sin	FOHE RE
1	Description of Site: (Optional)	Discharge of waste pickle	e liquor (KO62)
	Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.	occurred from 1966 to 19	
		The second secon	
J	Signature and Title: The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required	Name Ernest M. Cain Street 500 Selig Dr., SW City Atlanta State GA Signature	☐ Owner, Present ☐ Owner, Past ☐ Transporter ☐ Operator, Present ☐ Operator, Past ☐ Operator, Past ☐ Other



DUNN LABORATORIES, INC.

CHEMISTS AND CHEMICAL ENGINEERS 717 EDGEHILL AVENUE, N.W.-ATLANTA, GEORGIA 30318-2401

Tea carryle

April 23, 1984

12 ECD 4-25-64

Metalplate Galvanizing 500 Selig Drive, S.W. Atlanta, Georgia 30336

Attention: Charles Foster

Re: Water Samples

Lab. No. : 49698 #1 NW inf.

49701 #3 N eff. 49699 #2 NW comp. 49702 #4 N Inf.

49700 #2 NS sludge

49703 #1.S pond

Sampled : March 28, 1984 @ 1200 hours

Received: March 28, 1984

CERTIFICATE OF ANALYSIS

•		-	-			
•	49698	49699	<u>49700</u>	49701	49702	49703
D004 Arsenic, mg/L	<0.001	<0.001	0.067	0.003	<0.001	0.006
0005 Barium, mg/L	0.20	0.88	1.06	0.40	0.71	0.31
D006 Cadmium, mg/L	0.12	< 0.01	0.22	0.03	0.03	0.60
D007 Chromium, mg/L	0.10	0.10	2.20	0.07	0.06	0.77
DOO8 Lead, mg/l	3.82	0.14	44.46	0.31	0.02	2.40
DO09 Mercury, mg/l	0.001	0.002	0.001	0.002	0.002	0.002
D010 Selenium, mg/L	0.001	<0.001	0.018	<0.001	<0.001	0.001
DOII Silver, mg/l	0.06	< 0.01	0.26	0.01	0.21	0.07
pH	3.9	2.6	1.7	2.6	3.2	2.8
Total Carbon, mg/l		8	1 30			
Inorganic Carbon, mg/l		0	2			
Total Organic Carbon, mg/l		8	128			

Methods

All methods listed were taken from Test Methods for Evaluating Solid Waste, Physical/Chemical Methods; SW-846; U.S. E.P.A.; 2ND Edition; 1982.

The samples were refrigerated upon receipt and until analyzed.

pH was performed in accordance with method 1040 on March 29, 1984. The samples were digested for total metals analysis (excluding arsenic, mercury and selenium) using method 3010 on March 29, 1984. Arsenic and selenium digestions were performed in accordance with method 7061 on March 29, 1984. Mercury digestions were performed using Hach Hercu Ver reagents and method which is equivalent to APHA Standard Methods, 14TH Edition, 156 (1975), on March 29, 1984.

All metal analyses were performed using the method of standard additions on our Perkin Elmer Model 2380 atomic absorption spectrophotometer equipped with an MHS-10 hydride generation system. An aliquot of each sample was spiked with each metal of interest with the following results.

ELEMENT	METHOD NO.	SPIKE, mg/l	AVERAGE SPIKE RECOVERY %	DATE OF ANALYSIS
Arsenic	7061	0.10	98	4/20/84
Barium	7080	2.00	97	4/19/34
Cadmium	7130	2.00	99	4/19/84
Chromium	7190	2.00	94	4/19/84
Lead	7420	2.00	96	4/19/84
Mercury	7470	0.10	98	4/20/84
Selenium	7741	0.10	98	4/20/84
Silver	7760	2.00	95	4/19/84

pH analysis was performed by Suzanne Giek, Assistant Laboratory Manager. All metals analyses and digestions were performed by Greg Jones, Chemist and Suzanne Giek, Assistant Laboratory Manager.

Total Organic Carbon analysis was performed by Wendall Cross, Ph.D. using a Total Organic Carbon Analyzer equipped with a Beckman model 915 combustion vessel and a Beckman model 865 infrared detector at the Georgia Institute of Technology.

Respectfully submitted, DUNN LABORATORIES, INC.

Sugarne M. Diek

Suzanné M. Giek, Assistant Laboratory Manager

SMG/vak

APPROVAU:

TIM G. DUNN, P.E.

Rec'd 5-19-86

DUNN LABORATORIES, INC. CHEMISTS AND CHEMICAL ENGINEERS P.O. BOX 19798 ATLANTA, GEORGIA 30325-0798

Craig-Lynes Chemical Management, Inc.

1108 Lipscomb Drive

Nashville, Tennessee

37204

Attention: Paul Finger Lynes

Re: soil samples from Metalplate Galvanizing, Inc.

Sampled by: C. Evans Sampled on: 3/12/86 Rcvd.: 3/13/86

Lab. Nos.: 54791 SB-1 soil background

54792 S-1 pitch

54793 S-3 impoundment

54794 S-4 background impoundment

CERTIFICATE OF ANALYSIS

EP Metals	54791	54792	54793	54794
Arsenic, ppm	0.012	0.004	0.005	0.025
Barium, ppm	<0.01	<0.01	<0.01	<0.01
Cadmium, ppm	<0.01	<0.01	<0.01	0.02
Chromium, ppm	<0.01	<0.01	<0.01	0.01
Lead, ppm	<0.5	<0.5	<0.5	<0.5
Mercury, ppm	0.002	0.012	0.005	0.052
Selenium, ppm	0.010	0.010	0.005	0.012
Silver, ppm	<0.01	<0.01	<0.01	<0.01

Methods used were taken from Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, U.S.E.P.A., 1984

Respectfully submitted,

DUNN LABORATORIES, INC.

Suzanne M. Kierzek

Assistant Laboratory Manager

Suganne M. Kerzet

SMK:wp

Approved:

Tim G. Dunn, P.E.



DUNN LABORATORIES, INC. CHEMISTS AND CHEMICAL ENGINEERS

CHEMISTS AND CHEMICAL ENGINEERS
P.O. BOX 19798 ATLANTA, GEORGIA 30325-0798

PF-L 873-6159
CODE 404

March 21, 1986

Craig-Lynes Chemical Management, Inc. 1108 Lipscomb Drive Nashville, Tennessee 37204

Attention: Paul Finger Lynes

Re: soil samples from Metal plate Galvanizing, Inc.

Sampled by: C. Evans Sampled on: 3/12/86

Rcvd.: 3/13/86

Lab. Nos.: 54791 SB-1 soil background

54792 S-1 pitch

54793 S-3 impoundment

54794 S-4 background impoundment

CERTIFICATE OF ANALYSIS

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					•	=	* *
Total Lead,			27.00	765.0	15.00	21.00	372.0
Total Zinc,	ppm	•	 86.00	2,537	53.00	52.00	897.0

Test methods used for preparation, lead and zinc, respectively were 3050, 7420 and 7950 from Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, U.S.E.P.S., 1984.

Sample 54793 was performed in duplicate for quality control purposes.

Respectfully submitted,

DUNN LABORATORIES, INC.

Suzanne M. Kierzek

Assistant Laboratory Manager

SMK:wp Approved:

Tim G. Dunn, P.E.

CHAIN-OF-CUSTODY FORM

Metalplate Galvanizing, Inc. Atlanta, GA 30336

Sample No.	Sample Designation	Sampled By	Date	Received By	Date
SB-1	Sil BACKBROUND	0 Evans	3-12-84	5- Kerzek	3/13/86
5-1	DITCH	CEVANS	3-17-96	,———	
5-3	Impoundment	CEVANS	3-17-86		
5-4	IMpoundment Background Impoundment	e. Evans	3-17-96		
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SAMPLE#: 5-4 DATE: 3/2/86 TIME: DESCRIPTION: 50/4 SAMPLER: EVOIS RECEIVED BY: REMARKS: Composife from Impoundment

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SAMPLE#:		3/12/8/	TIME:	<u> </u>
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RECEIVED BY REMARKS:	Backen:	· · ·		
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M-2 - SITE MAINTENANCE FORM

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. U.S. ENVIRONMENTAL PROTECTION AGENCY

M.2 - PROGRAM MAINTENANCE FORM

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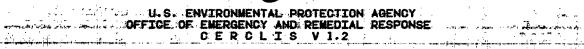
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M. 2 - EVENT MAINTENANCE FORM

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M.2 - REGIONAL UTILITY MAINTENANCE FORM

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U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF EMERGENCY AND REMEDIAL RESPONSE

CERCLIS V1.2

PAGE 222 RUN: DATE 11/08/86

M.2 - REGIONAL UTILITY MAINTENANCE FORM

STTE .	 METAL	DI ATE &	GALVANTZ	TNG

EPA ID: GAD048709372

Ern ED.

REG CODE: 4PHR-01

DESCRIPTION: PRELIMINARY HRS

DATE1:

DATE2:

DATE3:

FREE FIELD: 12.60

* ACTION:

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* __/__/__

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FILE GAD048709372 NUS CORPORATION CONTROL NO: DATE: TIME: 10/18/89 16-20 DISTRIBUTION: File Metal plate Galvanizing (Sclig Pand) Attenta, Georgia BETWEEN: PHONE: (404) 691-0600 Cain, Plant Manager Metalplate Geor (NUS) Carten DISCUSSION: called to ask about the 103(C) Notification for Selic find filed by Errest Cain, He stated that "pard" is located where the reain Railroad track and apar intersect on their property. Reportedly, Atlantic owned the property now occupied by metalplate Spent recid (Sulfuric) solutions and zinc in holes on the property. The holes would drain into the pord, The errea was lined and ray been sappled or studied by EPA or the state **ACTION ITEMS:**



JOE D. TANNER
Commissioner

Department of Natural Resources

ENVIRONMENTAL PROTECTION DIVISION 270 WASHINGTON STREET, S W ATLANTA, GEORGIA 30334

J. LEONARD LEDBETTER

Division Director

May 22, 1984

Mr. Walton Jones RCRA 3012 Project Officer U.S. Environmental Protection Agency 345 Courtland Street, Region IV Atlanta, Georgia 30365

Dear Mr. Jones:

Enclosed is a list of site names, addresses or locations, and discovery dates that have been identified through our Uncontrolled Hazardous Waste Site Discovery Program. Please add these sites to the ERRIS list and notify us of the Environmental Protection Agency identification number assigned to each as soon as possible.

If you have any questions, feel free to contact me at 656-7404.

Sincerely,

- Souph Sus

Joseph T. Surowiec Unit Coordinator

Remedial Actions Unit

JTS:cpl Enclosure

cc: John D. Taylor, Jr.

File

-ENCLOSURE-

UNCONTROLLED HAZARDOUS WASTE SITE(S)

(ERRIS ADDITIONS)

SITE NAME	SITE ADDRESS OR LOCATION (COUNTY)	DISCOVERY DATE
TEEPAK INC.	560E WHARTON CIR. ATLANTA, FULTON CO	4-19-84
LANGHORN ST. APTS BAD98084048Z	565 LANGHORN ST. ATLANTA, FULTON W.	4-30-84
METALPLATE GALVANIZING, INC. GADO48 709 372	500 SELIG DR. SW ATLANTA, GA. 30336 FULTON COUNTY	12-20-83
HYSAN CHEMICAL SPILL	I-20 WEST EXIT RAMP OFF OF I-285 WEST OF ATLANTA. FULTON CO.	5-18-84
•		
		·
		•

CONTROL NO:	DATE:	TIME:
•	10/19/89	1200
D)STRIBUTION:		en e
File Metal plate Galva Atlanta, Georgia	inizing (Selig Pond)	
BETWEEN: Ernest Cain	Metal Plate	PHONE:
AND: Geoffrey Courton		(NUS)
DISCUSSION:		
"Selin Pond" is A	searly filled with see	liment. The Atlantic
, 0	es built in about 1	
dump spent acid	on the property. A	+ some point,
	es created by the	The state of the s
	. The waste acid	
Zinc and Iron,	IN 1970 Metal plate	took over the
į.	we system was inst	
· · · · · · · · · · · · · · · · · · ·	55, the property was	
	have been analyzed.	
	led by Paul Lynes (
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		Fig. 12
		will a state of the state of th
ACTION ITEMS:		
10/27/89 Called	Paul Lynes. He will	send the sampline
	drawing of the plant	,
pord location.		
: :		and the stage of t